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* JUN 1 6 1920

MICHELL'S

JANUARY TO JUNE (Inclusive)-1914

WHOLESALE

PRICE LIST OF

SEEDS

BULBS
PLANTS
GARDEN TOOLS
FERTILIZERS
INSECT
DESTROYERS, Etc.

To be Disseminated Beginning January, 1914

THE NEW
SCARLET BEDDING
GERANIUM

"Helen Michell"

For particulars see inside cover page and color plate



The New Scarlet Bedding Geranium
"HELEN MICHELL"

HENRY F. MICHELL, President

FRED'K J. MICHELL, Vice-President

HENRY F. MICHELL CO.

TELEPHONES

BELL— Lombard 4220

4225 KEYSTONE— Main 3600

518 Market Street, Philadelphia

Warehouses, 509-511-513 Ludlow Street

New Scarlet Bedding Geranium

(SEE COLOR PLATE OPPOSITE)

(Name registered with S. A. F. & O. H.) (Cross-Seeding Jean Viaud X Alphonse Ricard)

We offer \$50.00 in Gold

For the Best 4-inch Pot (single plant) of this New Geranium in Bloom

TO BE COMPETED FOR AT THE

American Sweet Pea Society's Show

To be held the latter part of JUNE, 1914, in NEW YORK CITY

Full particulars as to date can be had from your Florist Club Secretary.

This new Geranium is introduced by us as THE BEST COMMERCIAL NOVELTY FOR 1914, and in order to popularize it the first year of its introduction, we are offering the above remarkable prize, hoping that every gravuer in the land will compete grower in the land will compete.

The competition is absolutely fair as no plants are disseminated until January, 1914, and no larger plants are then furnished than from 2¼-inch pots. Every one knows how to grow a Geranium, and it can be carried to the Show, avoiding express charges, delays and damages.

Additional Awards to be Made

For the second best plant as above described, THE MICHELL GOLD MEDAL.

For the third best plant, THE MICHELL SILVER MEDAL.

The latter awards will be made to enable some who cannot win the First Prize, of having an opportunity of at least getting a reward for their effort.

This remarkable Geranium was exhibited Spring, 1913, at the National Flower Show, New York City, where it was pronounced the finest Geranium Novelty that was ever seen. In addition, it was awarded the only certificate of merit for new plants exhibited at the Show. This fact alone should insure its being a novelty of sterling worth.

OUR FURTHER CLAIM

for this novelty is, that it surpasses all other Scarlet Geraniums,

- In brilliancy of color.
- In size of bloom.
- In number of clusters to the individual
- In vigor and strength. In earliness of bloom. In constancy of bloom.
- In propagating quality no Geranium equals
- (8.) In a wonderful ability to retain its brilliancy of color in the hottest of weather.

Each 25c; \$2.50 Dozen; \$15.00 per 100; \$125.00 per 1000

Single plants mailed free; for mailing dozen lots allow 25c per doz. for postage, larger quantities sent by express. 6 supplied at dozen rate, 25 at 100 rate, 250 at 1000 rate.

Read what two of the greatest American Geranium growers have to say about "Helen Michell."

Philadelphia, June 15, 1912.

Gentlemen:
Relative to the new Geranium, "Helen Michell," which was shown to us a few days ago, would say that we consider this variety a GREAT IMPROVE-MENT over Alphonse Ricard. The flower is borne on a long, stiff stem, is MUCH LARGER than the Ricard variety, and the color is superb. It appeared to us to be a very VIGOROUS GROWER and UNUSUALLY FREE. We have known of this variety for the past two years and think it will be one of the grandest bedders in commerce.

Yours truly,
ROBERT CRAIG CO.

White Marsh, Md., June 10, 1912.

Gentlemen:
We take pleasure in assuring you that we were very favorably impressed with the new GERANIUM, "HELEN MICHELL." It certainly possesses merits of exceptional value to the grower, and we are confident it will immediately find its place among the leading class of Geraniums.



BUSINESS TERMS

We especially invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to Dun's or Bradstreet's Mercantile Agency.

When sending your first charge order, refer preferably to some one in either your own or our line of business with whom you have a charge account. This saves many a delay. When sending us your first order accompanied by remittance, we prefer cashier's check or money order, unless cash is sent. This frequently also saves delays.

Grain, Clover, Bird and Farm Seeds, also Fertilizers, are handled on very close margins and are sold with no cash discount.

Discounts

On bills for Flower, Vegetable Seeds and Bulbs, a discount of 2% for payment 10 days from receipt of bill may be deducted, if each accompanies the order 3% may be deducted on such items. All other goods are strictly net, as are also bills for goods supplied under special quotation unless otherwise agreed upon.

Henry F. Michell Company endeavor to send out only the very best quality of Seeds, Bulbs and Plants, but cannot guarantee results or crops. If customers do not accept goods on the above conditions, they can be returned to us within ten days.

The New Scarlet Bedding Geranium "HELEN MICHELL"

For Particulars See Opposite Cover Page



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HENRY F. MICHELL CO., 518 Market St., PHILADELPHIA.

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Michell's Vegetable Specialties for 1914

Wax Bean

Sure Crop Stringless. A variety which seems to always produce a good yield, regardless of conditions. The pods are long, slender and very brittle and we would consider it among the best, if not the best Wax Bean on the market to-day. The pods are rich golden yellow, produced in abundance, are practically rustproof. The seed may be planted very early, earlier than most other Wax Beans. The originator, a man who has produced more good varieties of beans than any other, in late years has been improving this strain, until he thinks it good enough now for any one to plant. enough now for any one to plant. 20c. per pt. (postpaid 28c.), per qt. 40c. (postpaid 56c.), \$1.50 per 4 qts., per pk. \$2.50, \$9.00

New Cabbage "Copenhagen Market"

The earliest strictly round head variety in cultivation, all heads of which are ready for cutting at one time if necessary, which to market gardeners is a most important point, as it gives them an opportunity of using their ground for other purposes needed. The loose leaves around a very solid head, which is almost ball-shaped, are light green and rather small. The heads frequently weigh as much as 10 lbs. It combines the most excellent qualities of Danish Ball Head, except that it is almost as early as the Jersey Wakefield and has a fine-grained white interior. 10c. per ½ oz., per oz. 20c., 70c. per ¼ lb., lb. \$2.50.

Celery

New York. This is a large growing, self blanching variety, earlier than White Plume and fully 6 inches taller. It is in reality a cross between White Plume and Golden Self Blanching. The stalks are of an enormous size, very heavy and never pithy, and is recommended as one of the finest Celery for the market gardener, offered in recent years. 8c. pkt., 20c. oz., 1/4 lb. 60c., \$2.25 per lb.

Sugar Corn "Early Giant Wonder"

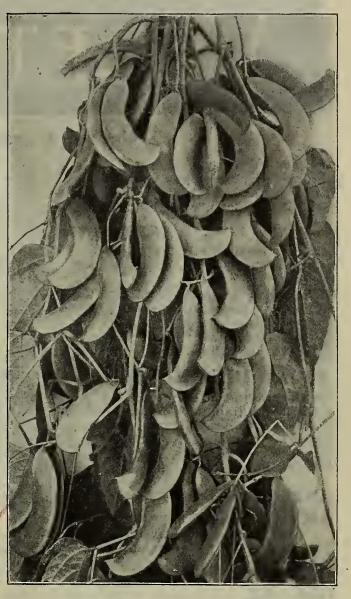
A true sugar corn, combining the earliness of the hybrid kinds with the sweetness of the later varieties. The ears are large, well shaped and the kernels in rather even rows, so that it may readily be eaten from the cob. It is lusciously sweet and a variety that will recommend itself instantly to any one who likes a delicious sugar corn. 30c. per qt. (postpaid 50c.), 4 qts. \$1.00, \$1.75 peck, bu. \$7.00.



Michell's Crackerjack Tomato

Pole Lima Bean

Michell's Evergreen. variety which had its origin in Philadelphia. This remarkable pole lima equals the earliest for earliness, is far more productive than any other and retains at all times a b e a u t i f u l green color. Pods contain on the average 5 to 6 beans. The beans. The pods hang in clusters, 6 to 8 in a bunch, which makes them very easy to gather. All who grow limas should have this valuable variety in the home or margarden. 20c. per pt. (28c. p o s t-paid), qt. 40c (56c. post-paid), \$1.50 per 4 qts., pk. \$2.50, \$10.00 per bu.



Michell's Evergreen Pole Lima

Lettuce

Summer Queen. There are but few varieties of lettuce that can be depended upon to mature to perfection during the excessively hot months. When we state that "Summer Queen" is the most reliable variety for this purpose we claim an absolute fact. It constitutes the best midsummer crop for the market gardener. The heads are enormous, very solid, of a light green color and are much superior to any other variety that can be cropped at that time. It will stay longer without going to seed than any others. Oz. 25c., 75c. per 1/4 lb., lb. \$2.50.

Garden Pea

The Harvester. We tested this out at our trial grounds last year, and although the season was unfavorable, it did remarkably well, yielding a heavy crop of large pods, filled with luscious peas. In quantity of production it compares favorably with the extra early kinds and rivals such sorts as Gradus and Laxton for flavor and eating qualities. It grows about 18 inches high. 25c. per pint (postpaid 33c.), 45c. per quart (postpaid 60c.), \$1.75 for 4 quarts, per peck \$3.25, \$12.00 per bushel.

Two Good Tomatoes
Cracker Jack. One of the earliest Tomatoes grown and a continuous bearer until frost, the latter being one of its chief characteristics, most early tomatoes having finished by the middle of September. The fruit is medium sized, brilliant red, very smooth and solid, with remarkably few seeds. Grows principally in clusters of from 5 to 10 tomatoes, which are invariably uniform in shape. 7c. pkt., ½ oz. 15c., 3oc. oz., ¼ 1b. \$1.00. ed Rock. Certainly well named, being almost as solid as a

stone. The fruit is very large and somewhat longish in shape; a heavy cropper. Color, light red. For canning or market purposes this will be found better than any other. 25c. oz., 1/4 lb. 85c., \$3.00 per lb.

MICHELL'S DISTINCTIVE VEGETABLE SEEDS

Grown Especially for Market Gardeners' Trade

The trucker and commercial grower are realizing more than ever that they must be extremely careful in the selection of seeds, not only for the purpose of procuring carefully grown strains, but also that the variety he chooses is that which is the most salable in his market. Both of these features have been given our utmost attention in the make-up of our list, and market gardeners can absolutely rely upon "Michell's Seeds." Varieties especially suited to the Market Gardener and trucker are marked with an asterisk (*).

ASPARAGUS

*Barr's Mammoth. A lavorite in the markets of	
big, tender, green stalks. Oz. 5c., 15c. 1/4 lb.,	lb. 40c., \$1.75
per 5 lbs. Oz.	1/4 Lb. Lb.
Columbian Mammoth White (5 lbs. \$2.00)\$0.05	\$0.15 \$0.50
Conover's Colossal, Giant White Variety	
(5 lbs. \$1.50)	
Giant d'Argenteuil, French White sort10	
Palmetto or Eclipse (5 lbs. \$1.75)	.15 .40
A CEN A DE A CELICE DO OFFICE De la Propie	2 ald Doot

\$4.25	\$1.00	\$8.00
4.25	1.00	8.00
4.25	1.00	8.00
4.25	1.00	8.o o
4.25	1.00	8.00
r 100		
Oz.	¼ Lb.	Lb.
	1000 \$4.25 4.25 4.25 4.25 4.25 r 100	4.25 I.00 4.25 I.00

ANISE.	Used	ior	Flavoring			\$0.07	\$0.25	\$0.9 0
ARTICH	OKE	Lar	ge Green	Globe	Seed.	.25	.75	2.75
66		Gre	en Globe	Plants.	\$1.00	doz., 1	100 \$7.0	0.
66		Jer	usalem Re	oots. IC	c. qt.,	peck 6	oc., \$2.2	25 bu.

BALM. ½	oz. 10c., 20c. per oz.	0	17 Th
BORAGE.	For flavoring and food fo		1/4 Lb. \$0.25
DDOCCOT I		Oz. ¼ Lb.	Lb.

BROCCOLI. White Cape\$0.25 \$0.75 BRUSSELS SPROUTS. Matchless.. .15 .50 I.75

TABLE BEETS

*Michell's Improved Crimson Globe. The leading sort for the market garden, our strain is renowned and used exclusively by many growers, splendid for early sowing and general crop; almost round in shape and of rich deep color. 10c. per oz., ½ lb. 35c., \$1.15 per lb., 5 lbs. \$5.25.

*Crosby's Egyptian. Very early, roundish flat, very tender; for sowing under glass it is an ideal sort. 10c. oz., ½ lb. 35c., \$1.15 per lb., 5 lbs. \$5.25.

*Lentz Extra Early Turnip. For early spring and late summer sowing; the flesh is finely grained and very sweet. 8c. oz.,

*Bastian's Half Long. This is a true blood variety, sown for a winter crop exclusively. It makes handsome roots. 10c. 0z., ¹/₄ lb. 30c., \$1.00 per lb., 5 lbs. \$4.00.

Arlington Favorite. Rich blood red, turnip-shaped. Oz. 10c.,

30c. ½ lb., lb. \$1.10, \$5.00 per 5 lbs.

Bassano. This is the principal butter beet; white and rose colored; flat shaped. Oz. 8c., 25c. ½ lb., lb. 85c., \$4.00 per 5 lbs.

Bastian's Early Turnip. Very similar to Lentz, but a somewhat larger root. 10c. oz., ½ lb. 25c., 85c. lb., 5 lbs. \$3.75.

Detroit. Rich deep red, a splendid winter beet, turnip shaped. 10c. oz., ½ lb. 35c., \$1.15 lb., 5 lbs. \$5.25.

Eclipse. Very small; round, splendid for forcing. Oz. 8c., 25c. ¼ lb., lb. 85c., \$4.00 per 5 lbs.

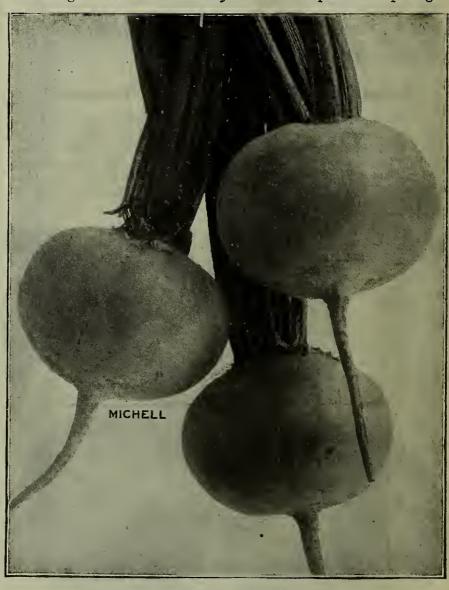
TABLE BEETS—Continued

Edmands. Blood red, turnip shaped, fine for summer. 8c. oz., 1/4 lb. 25c., 85c. lb., 5 lbs. \$4.00. Improved Long Blood. Large root, rich color, for winter use.

8c. oz., 1/4 lb. 25c., 85c. lb., 5 lbs. \$4.00.

CATTLE BEETS OR MANGEL WURZEL

	¼ Lb.	Lb.	5 Lbs.
Golden Tankard			\$1.75
Imperial White Sugar	12	.40	1.75
Lane's Improved White Sugar	12	.40	1.75
Mammoth Long Red	12	.40	1.75
Red Globe	12	.40	1.75
Yellow Globe			
If Mangel Wurzel is wanted by mail add 8c.	per lb.	for po	stage.



Crimson Globe Beet

SPECIAL NOTICE. All Vegetable Seeds NOT listed in our Wholesale Catalogue which may be found in the Retail List, are subject to the following discounts from Retail Prices, viz.: Packets 33\frac{1}{3} per cent.; ounces, pints and quarts, 25 per cent.; novelties, 20 per cent.

BEANS (Crop Very Short, Order Early)

Varieties Marked * Especially Suited to Market Gardeners' Needs

Dwarf Green Varieties

Plant 1 qt. to 100 ft. of drill, or 12 to 15 qts. per acre.

Stringless Green Pod. While this is possibly not the longest bean, it is undoubtedly the most tender; absolutely stringless. The market will dender it constantly after it has been better introduced; round podded. Qt. 30c., \$1.00 per 4

qts., peck \$1.75, \$7.00 bush.
*Black Valentine. This is the big cropper for the market gardener, very early, round podded, also a most suitable variety for planting under glass. 25c. qt., 4 qts. 90c., \$1.50 per peck, bush.

*Mammoth Stringless Green Pod (Giant Valexcellent qualities of it and the Stringless Green

Pod. 30c. qt., 4 qts. \$1.00, \$1.55 peck, bush. \$6.20. *Red Valentine (Ex. Early). For first and last planting this round podded variety is a tremendous yielder. 25c. qt., 4 qts. 90c., \$1.50 per peck, bush. \$6.00.

*Extra Early Refugee. Extremely early fleshy round podded sort, good for early and last planting. 30c. qt., 4 qts. \$1.00, \$1.60 per pk., bu. \$6.40.

Best of All. 25c. qt., 4 qts. 85c., \$1.50 per peck,

bush. \$6.00.

Boston Navy or Pea. 20c. qt., 4 qts. 70c., \$1.25

per peck, bush. \$5.00.

Broad Windsor (Shelling). 25c. qt., 4 qts. 85c., \$1.50 per peck, bush. \$6.25.

Dwarf Horticultural (for shelling). 30c. qt., 4

qts. \$1.00, \$1.75 per peck, bush. \$7.00. Early Long Yellow (6 weeks). 20c. qt., 4 qts.

70c., \$1.25 per peck, bush. \$5.00. Early Mohawk (6 weeks). 20c. qt., 4 qts. 70c.,

\$1.25 peck, bush. \$5.00.

Longfellow. 25c. qt., 4 qts. 85c., \$1.50 peck, bush. \$6.00.

Sion House (forcing). 50c. qt., 4 qts. \$1.50, \$2.75 per peck.

Triumph of Frames (for forcing). 35c. qt., 4

qts. \$1.40, \$2.15 per peck. White Kidney or Royal Dwarf. 20c. qt., 4 qts. 60c., \$1.15 per peck, bush. \$4.60. White Marrowfat (used shelled). 20c. qt., 4 qts.

65c., \$1.25 per peck, bush. \$5.00.

Dwarf Wax or Yellow Pod

Plant same quantity, per given space, as recommended for Dwarf Green Beans.

*Michell's Improved Dwarf Golden Wax (Rust *Proof*). The beautiful round podded, golden yellow beans are very prolific, will pick more to the acre than any other similar variety. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.

*Currie's Rust Proof Golden Wax. A tremen-

dous yielder of long, golden yellow, flat pods.
25c. qt., 4 qts. 90c., \$1.75 peck, bush. \$7.00.
*Wardwell's Wax. The favorite flat-podded market gardener's

bean, very long and slender. 30c. qt., 4 qts. \$1.10, \$1.80 peck,

Black or German Wax. 30c. qt., 4 qts. \$1.00, \$1.75 per peck,

Stringless White Wax. 30c. qt., 4 qts. \$1.10, \$2.00 per peck,

bush. \$8.00.

Round Pod Kidney Wax. 30c. qt., 4 qts. \$1.10, \$2.00 per peck,

bush. \$8.00.

Sure Crop Stringless Wax. (New.) Very early, perfectly

one of Strop \$2.50 per peck, bush. \$9.00. stringless. 40c. qt., 4 qts. \$1.50, \$2.50 per peck, bush. \$9.00. Valentine Wax. (Round Pod.) 30c. qt., 4 qts. \$1.00, \$1.80 per

peck, bush. \$7.20. Davis' White Wax. 25c. qt., 4 qts. 90c., \$1.75 per peck, bu. \$7.00.

Lima Beans (Pole Varieties)

One qt. will plant 100 hills; 12 to 15 qts. will plant an acre.

*Michell's Evergreen. The earliest pole lima. Originated in Philadelphia, it is remarkably productive. When shelled it is a ready seller, as it retains its beautiful green color even when in the dry state. Pods average 5 to 6 beans and are produced in clusters of 6 to 8

pods, which renders them easy of gathering.
40c. qt., 4 qts. \$1.50, peck \$2.50, \$10.00 per bush.

*Carpenteria. A variety similar to the above, but with a shorter pod, containing, as a rule,
3 to 4 beans of a green color, which is retained even when dried, very early. Qt. 30c., \$1.00 per
4 qts., peck \$1.75, \$7.00 per bush.

*Dreer's Improved (Potato, or Challenger). A round-seeded, thick-podded bean, very popular in many sections on account of its earliness.

in many sections on account of its earliness.

25c. qt., 4 qts. 90c., \$1.75 per peck, bush. \$7.00.

*King of the Garden. A medium-sized bean in large pods with 3 to 5 beans, very vigorous, being continuously in bloom and bearing. 25c.

qt., 4 qts. 90c., \$1.75 peck, bush, \$7.00.

*Michell's Selected Large Jersey Lima. This is a very fine selection of the popular Jersey Lima, grown especially for our trade, and will please those who want a very large bean. 30c.

qt., 4 qts. \$1.00, \$1.75 per peck, bush. \$7.00.

*Shotwell's Improved. This is a cross between
Dreer's pole and Extra Early Jersey, combining earliness and sweetness. 25c. qt., 4 qts. 90c.,

\$1.75 peck, bush. \$7.00.

Extra Early Jersey. Very prolific, mediumsized bean, planted extensively by market gardeners. 30c. qt., 4 qts. \$1.00, \$1.75 pk., bu. \$7.00.

Ford's Mammoth Podded. A gigantic pod

which fills the measure well; pods contain 4 to 5 beans. 30c. qt., 4 qts. \$1.00, \$1.75 pk., bu. 7.00.

Lima Beans (Bush Varieties)

*Fordhook. A thick, luscious bean of wonderful producing qualities, very early and continuing to bear right up to frost time. The plant is upright in growth and bears its clusters far above the ground, so they can easily be gathered. 45c.

qt., 4 qts. \$1.60, \$3.00 per peck, bush. \$12.00.

Burpee's Improved. The large bean, very thick, sweet and produced in profusion; a favorite on account of its tenderness and far superior to the old variety. 40c. qt., 4 qts. \$1.40, peck \$2.65,

\$10.00 bushel.

Burpee's Bush (Old Variety). The true largeseeded dwarf lima. 30c. qt., 4 qts. \$1.00, \$1.80 peck, bush. \$7.20.

Dreer's (or Kummerle). A small, thick, roundseeded bean, very late. 30c. qt., 4 qts. \$1.10, \$2.00 peck, bush. \$8.00.

Henderson's. The earliest bush lima, but producing very small flat seed, which though are of excellent flavor, being much in demand. 25c.

qt., 4 qts. 90c., \$1.70 peck, bush. \$6.75. New Wonder. A variety very similar to Burpee's. 25c. qt., 4 qts. 90c., \$1.75 peck, bush. \$7.00.

Pole Beans (Not Lima)

Early Golden Cluster Wax. Handsome long yellow, flat pods, ideal for pickling; a great producer; very tender. 30c. qt., 4 qts. \$1.15, \$2.20 peck, bush. \$8.75.

Horticultural. Extensively used for shelling, also in the pod

when green, highly colored red, very prolific and profitable for market. Qt. 25c., 90c. 4 qts., peck \$1.75, \$7.00 bush.

Kentucky Wonder. A bean that should be included on the list of every market gardener. It is long, round, green pods, and is produced in unusual quantity always tender. Of 20c. 00c. is produced in unusual quantity, always tender. Qt. 30c., 90c.

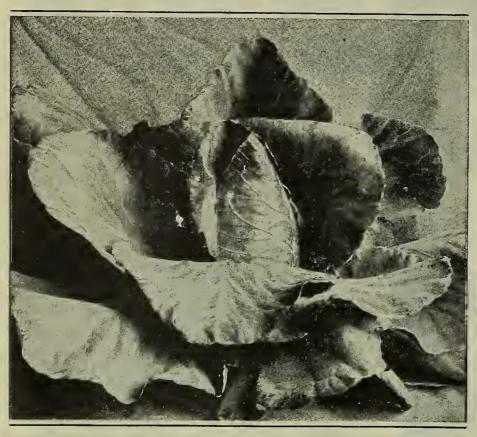
4 qts., peck \$1.70, \$6.75 bush. Lazy Wife's. Green pod. 30c. qt., 4 qts. \$1.10, \$1.85 per peck,

bush. \$7.25. Scarlet Runner. Green pod. 30c. qt., 4 qts. \$1.10, \$1.80 per peck, bush. \$7.20.

Michell's Cabbage Seed (Choice Long Island Grown)

Varieties Marked * are Especially Suited for Market Gardeners

Pennsylvania is known to produce some of the best cabbage grown in this country and when the seed which is used is produced from a selected strain, it is one of the most profitable crops the trucker can bring to the market. We have realized this important factor and we can truthfully say that no strain of cabbage seed is superior to Michell's.



Michell's Early Jersey Wakefield Cabbage

EARLY VARIETIES

*Improved Early Jersey Wakefield. The most popular first crop variety, having pointed heads with few outer leaves and which sells readily. Perhaps of no other variety are as many varying strains offered as of this one. We are positive that those who grow ours will be well pleased with the result.

Private Strain (extra selected). Oz. 25c., 85c. ¼ lb., lb. \$3.00.

Usual Strain. Oz. 20c., 70c. ¼ lb., lb. \$2.50.

*Large Charleston Wakefield. Similar to the above but with heads almost twice as large and more blunt at the point; matures a week later than the above. 20c. oz., ¼ lb. 70c.,

\$2.50 lb.
Early Winnigstadt. A variety similar to Wakefield, but not

quite as compact header; it is very early, following the former variety in maturing. Oz. 15c., 5oc. ¼ lb., lb. \$2.00.

All Head. The largest of the early cabbages, being roundish flat and very solid. Oz. 25c., 75c. ¼ lb., lb. \$3.00.

Early Flat Dutch. Very compact grower with a medium size, roundish flat head, which is always solid. Oz. 15c., 6oc. ¼ lb., lb. \$2.00. lb. \$2.00.

SECOND EARLY VARIETIES

Henderson's Early Summer. Enormous solid heads, roundish flat, one of the best midsummer varieties and is a ready seller. Oz. 20c., 70c. 1/4 lb., lb. \$2.50.

Succession. Very popular with the market gardener, producing

enormous uniform heads and matures a few days later than Early Summer. Oz. 20c., 70c. 1/4 lb., lb. \$2.50. Early Drumhead. Very large flat head with few outer leaves, it

follows in maturing the Large Charleston Wakefield. Oz. 20c., 6oc. 1/4 lb., lb. \$2.25.

LATE OR WINTER VARIETIES

*Improved Late Flat Dutch. A specialty with us in a strain that cannot be duplicated elsewhere; our grower selects the heads with infinite care and the testimonials we receive from our customers on this variety are the best proof of its quality. It makes enormous solid heads of the finest type, extremely uniform, ideal for sauer kraut and winter keeping. Oz. 20c., 65c. 1/4 lb., lb. \$2.25.

LATE OR WINTER VARIETIES—Continued

*Michell's Improved Danish Ball Head. One of the best winter cabbages grown to-day; in weight the individual heads exceed any other variety, and where cabbages are sold by weight this is the sort that will bring in the most money. Particularly desirable because it succeeds under most trying conditions. Pound solid well formed heads. On account to the best winter and the solid well formed heads. ditions. Round, solid, well-formed heads. Oz. 20c., 70c. 1/4 lb.,

Large Late Drumhead. Very large, with roundish heads which are very solid, excellent winter keeper. Oz. 15c., 5oc. 1/4 lb., lb. \$2.00.

All Seasons (Vandergaw). Beautiful heads which are suitable

for midsummer and winter use, very large, round and solid. Oz. 20c., 60c. 1/4 lb., lb. \$2.25.

*Volga. While growing it appears undesirable, but when prepared for market there are few other cabbages that excel it in

weight and solidity; cut open, the interior is almost pure white; heads perfectly round, almost ball shaped. A special feature, which recommends it to the market gardener, is that it is

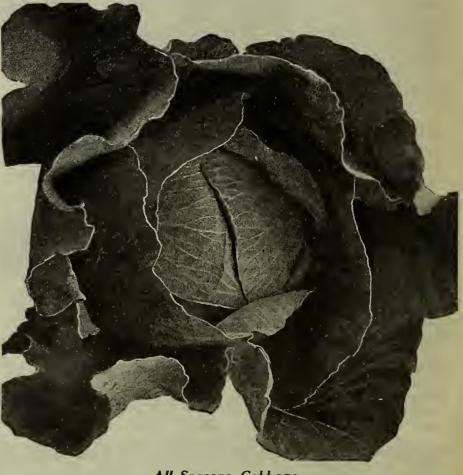
*Perfection Drumhead Savoy. The great favorite of the German populace; finding a ready sale in most any market. This variety grows very large and has no waste to it; heads almost round with beautifully curled leaves. Oz. 20c., 1/4 lb. 60c., Oz. 20c., 1/4 lb. 60c.,

*Red Dutch Drumhead. A specialty with all Europeans, and a limited quantity of this is a profitable crop. The head is of medium size, very solid and almost round; every bit of it can be used. 15c. oz., 1/4 lb. 5oc., \$1.75 lb.

CABBAGE PLANTS Per 100 Per 1000

Early Varieties from hotbeds, ready May 1st......\$0.35 Early Varieties from cold frame, ready in April..... .65 Late Varieties ready in July.....

Special price on larger quantities.



All Seasons Cabbage

Michell's Selected Carrot Seed

Harvested from pure stock and selected roots. 3 to 4 lbs. will sow an acre.

NOTE—Prices of all vegetable seeds in this catalog include postage, unless otherwise noted. SHOP BY MAIL. *Chantenay Half Long. Very similar to Rubicon but a trifle longer, much used for sowing under glass and in hotbeds; a splendid carrot for bunching, and used extensively in the New York market gardening district. Oz. 10c., 30c. 1/4 lb., lb. \$1.10.

*Danver's Half Long. The heaviest yielding carrot we know of, ideal for general crop and winter keeping, stumpp rooted, of fine orange color and medium long. Our strain is a reselection by a carrot specialist. 10c. oz., ½ lb. 30c., \$1.00 lb.

Early Half Long Scarlet. Grows from 5 to 6 inches long, of a rich scarlet orange color, point rooted; an intermediate sort between Scarlet Horn and Long Orange, can be sown under glass for early use. Oz. 10c., 30c. 1/4 lb., lb. \$1.00.

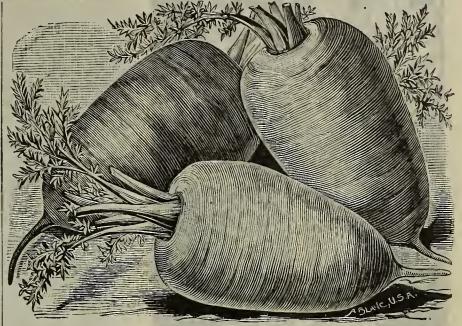
Early Scarlet Horn. A very early outdoor variety, of fine color, stump rooted and desirable for bunching. Oz. 10c., 30c. 1/4 lb., lb. \$1.00.

French Forcing or Early Short Horn. Very small round root, one of the earliest varieties to mature either outdoors or under glass. Oz. 10c., 30c. 1/4 lb., lb. \$1.00.

Guerande or Oxheart. A short stump rooted sort, which can be readily grown on stiff hard soils, where other varieties would not succeed so well, grows about 3 inches long and is of rich orange color. Oz. 10c., 30c. 1/4 lb., lb. \$1.00.

*Long Orange (Improved). The longest table carrot, frequently 10 inches long, of deep orange color. Its yield is enormous and of uniform shape; for stock feeding it is extensively used. 8c. oz., ¼ lb. 25c., 85c. lb.

Red Surrey. Very long, similar to Long Orange. 8c. oz., 1/4 lb. 25c., 85c. lb.



Danver's Carrot

*Rubicon Half Long. The leading market gardeners' variety, one of the earliest and frequently used for forcing and sowing in hotbeds; in form it resembles the Danyer's, but is considerably shorter in length, rich orange color, stumpp rooted.
Oz. 10c., 30c. 1/4 lb., lb. \$1.10.
White Belgian. Used for stock feeding only, very long white

root, also good for soiling when turned under. Oz. 8c., 20c. ¹/₄ lb., lb. 6oc.

Michell's Pedigreed Cauliflower Seed

One ounce of seed will produce about 3,000 plants.



Snowstorm Cauliflower

Algiers. Large heads; late; for outdoors. Pkt. 7c., 2oc. 1/4 oz., oz. 6oc., \$2.00 per 1/4 lb.

*Danish Giant. A variety which is especially recommended for midsummer use, because it will stand more drought and heat than any other sort. The heads are very large, snowy white, and well protected by a liberal growth of foliage; a sure header and therefore just the sort for the market gardener. Large pkt. 20c., 80c. ½ 0z., 0z. \$3.00, \$10.00 per ½ lb. *Early Snowball. Perhaps one of the best known varieties and therefore used extensively; the heads are quite large and can be successfully grown even under adverse weather conditions. The head is very white. Large pkt. 15c., trade pkt. 40c., 60c. 1/4 oz., oz. \$2.00, \$7.00 per 1/4 lb.

Half Early Paris. Small heads for frame or outdoor planting. Pkt. 7c., 15c. 1/4 oz., oz. 50c., \$1.50 per 1/4 lb.

Matador. One of the best forcing varieties, makes medium size solid pure white heads; the foliage is ample for folding over the heads as they mature; it is also suitable for outdoor culture in early spring. Large pkt. 15c., 6oc. 1/4 oz., per oz. \$2.00, \$7.00 per 1/4 lb.

*Michell's Earliest Snowstorm. Colossal heads of the purest white, averaging often 10 inches in diameter, particularly desirable for its extreme earliness, though it may be used to equal advantage either under glass or outdoors. This cauliflower seed we sell to the most critical market gardeners who would refuse to use any other. (Large pkt. 17c.) Trade pkt. 40c., \$1.25 per ½ oz., oz. \$4.00, \$14.00 per ½ lb.

Selected Erfurt (Michell's Special Strain). Selected for its earliness and is particularly suitable for growing under glass, though it does very well outdoors as an early spring crop. Of dwarf growth with short foliage; medium sized heads, but mature very quickly. Large pkt. 15c., 40c. per trade pkt. 60c. 1/4 oz., oz. \$2.00, \$7.00 per 1/4 lb.

Veitch's Autumn Giant. Very large; late. Pkt. 7c., 10c. 1/4 oz., oz. 30c., \$1.00 per 1/4 lb.

CA	ULII	FLOV	VER	PLA	NTS
					Dog

	Doz.	100	1000
Hotbed Grown	\$0.15	\$0.75	\$6.00
Pot Grown	.45	3.50	32.50
•	Oz.	1/4 lb.	Lb.
CARAWAY.	\$0.07	\$0.20	\$0.50
CARDOON. Broad Ribbed	.20	.70	
CATNIP. (Pkt. 7c.)	.30		

Varieties marked * are best suited for market gardeners



Michell's Improved White Plume

Special Prices will be quoted on celery plants in large lots.

CELERY

*Michell's Improved White Plume (Private Stock). One of the earliest of celeries, and grown in enormous quantity by all the leading truckers. Our strain of this is unusually fine. Many of our customers engage their requirements a year ahead, so as to be sure and procure it from us before our stock is exhausted. Oz. 25c., 75c. ¼ lb., lb. \$2.50.

White Plume (Usual Strain). Oz. 20c., 60c. 1/4 lb., lb. \$2.00.

*Golden Self Blanching (French Grown Seed, Vilmorin Stock). variety for Thanksgiving market; enormous stalks of golden yellow, requiring almost no artificial blanching; grown in enormous quantities by all who specialize in celery. Our stock is the best in the world and absolutely true. This strain is very scarce this year; ½ oz. 40c., 70c. ½ oz., \$1.40 per oz., ¼ lb. \$5.50.

*New Columbia. A popular variety with the truck gardener, especially in the Chicago market; of medium height, but very solid and heavy; three stalks make a massive bunch; splendid winter variety, keeping well. 40c. oz., 1/4 lb. \$1.50, \$5.50 lb.

*Giant Pascal. Ideal for the trucker, keeping longer than any other sort, of splendid appearance and exceedingly tall, three features which recommend it to the man who grows for profit; blanches pure white. Oz. 15c., 40c. 1/4 lb., lb. \$1.50.

*Michell's Far Superior. The best mid-winter variety, very tall and with a large full heart; no waste; sells on sight. Oz. 15c., 5oc. 1/4 lb., lb. \$1.50.

*Winter Queen. A medium tall solid variety, keeps well through the winter; very full and large heart. Oz. 20c., 60c. 1/4 lb., lb. \$2.25. Oz. 1/4 Lb. Early Snowdrift. An Improved White Plume......\$0.25 \$0.85 \$2.75 1.35 1.75 .50 2.50 .75 2.50

*New York. A self-blanching variety, being a cross between Giant Pascal and White Plume. It is crisp, brittle and a fine variety for the market gardener, coming ahead of White Plume and is much larger. Pkt. 8c., 2oc. oz., ¼ lb. 6oc., \$2.25 per

Celeriac. Giant Smooth Prague. 15c. oz., ¼ lb. 5oc., lb. \$1.85. Flavoring Celery. Not for sowing. 8c. ¼ lb., lb. 25c.

CELERY PLANTS

Leading Varieties. Early and late. 40c. per 100, per 1000 \$3.25.

CUCUMBER

*Arlington Improved White Spine. The best sort for growing under glass and general outdoor crop for market, producing fruits which are always uniform; deep green, very smooth and rounded at the end. It is not always the largest cucumber which is wanted by the market gardener, because the produce man is limited as to the price he can get. Oz. 10c., 30c. 1/4 lb., lb. \$1.00.

*Davis' Perfect. Very similar in form to the above; a heavy crop can always be depended upon whether grown under glass or outdoors. As a rule it bears three or four specimens in a cluster of even larger size than the White Spined; of rich deep green color. 10c. oz., ¼ lb. 25c., 85c. lb.

*Jersey Pickle, or Green Prolific. A staple variety with many of the larger market gardeners, it is short and thick and used principally for pickling. Oz. 8c., 20c. ¼ lb., lb. 70c.

200. /4 10., 10. /00.			
	Oz.	¼ Lb.	Lb.
White Spined (Usual Strain)	\$0.08	\$0.20	\$0.75
Cool and Crisp	08	.20	.75
Cumberland	08	.25	.85
Emerald	08	.25	.85
Evergreen	08	.25	.85
Japanese Climbing			1.00
Long Green Turkey	.08	.20	.75
Small Gherkin or Burr		.30	1.00

ENGLISH FORCING CUCUMBERS

Lockie's Perfection, Sion House, Telegraph, Tender and True. The above varieties 20c. each, per pkt. of 12 seeds.



Davis Perfect Cucumber

MICHELL'S SUGAR CORN (Connecticut Valley Grown)

Varieties Marked * are Especially Suited for Market Gardeners' Use

NOTE. If Corn is wanted by mail add toc. per quart for postage, irrespective of zone or distance, as the rate on seeds is uniform.

EARLY VARIETIES

*Early Giant Wonder. It is the earliest of the true sugar corns and produces fine, large, regular-grained ears. 30c. qt., 4 qts. \$1.00, \$1.75 per peck, bush. \$7.00.

Early Champion. Large ears, well-shaped and exceedingly sweet. 20c. per qt., 4 qts. 60c., \$1.10 per peck, bu. \$4.40.

*Ideal. One of the biggest yielders among the first earlies, and for this reason it is often preferred by market gardeners. Notwithstanding its earliness, the ears are quite large and our grower pays more attention to reselecting this variety than any other sort. 20c. qt., 4 qts. 70c., \$1.25 pk., bu. \$5.00.

*Stabler's Extra Early. A very popular sort among the truckers; as the ear when ready for market is very attractive and is a ready seller. 20c. qt., 4 qts. 60c., \$1.10 pk., bu. \$4.40.

*Kendel's Early Giant. Very cylindrical ears, which are large deep-grained and very sweet. 20c. qt., 4 qts. 70c., \$1.15 pk., bu. \$4.50.

Golden Bantam. The sweetest corn grown and while the ears are small it is the color actually which prevents it from being a favorite in the market. If the trucker will persist in introducing it, his customers will continue to ask for it; color, a beautiful golden yellow. 25c. qt., 4 qts. 90c., \$1.60 peck, bu. \$6.25.

Golden Rod. Similar to Golden Bantam with larger ears and lighter color and not quite so early. 25c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.

Metropolitan. An extra early sort following Crosby's but with larger ears; very sweet and a great producer. Qt. 20c., 60c. for 4 qts., peck, \$1.10, \$4.40 per bushel.

Adam's Extra Early. Pure white, medium-sized ears. 15c. qt., 4 qts. 5oc., 85c. peck, bu. \$3.40.

Aristocrat. Finely shaped ears with even rows of kernels, very sweet and attractive. Qt. 20c., 4 qts. 70c., \$1.25 peck, bush. \$5.00.

Crosby's Extra Early. Medium-sized, very early and sweet, dwarf grower, but very productive. 20c. qt., 4 qts. 60c., \$1.10 per peck, bu. \$4.40.

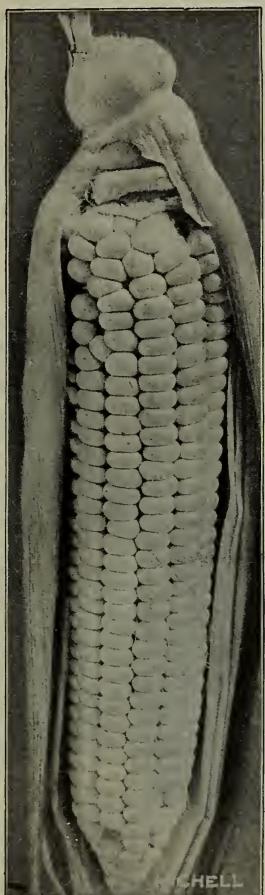
Early Evergreen. Like "Stowell's" in appearance and quality, but much earlier. Qt. 20c., 70c. per 4 qts., peck \$1.15, \$4.50 bush.

Early Mammoth. Really a second early variety, producing enormous ears on a mammoth stalk. Qt. 20c., 70c. per 4 qts., peck \$1.10, \$4.40 bushel.

First of All. A quick growing variety with good shaped ears, with pure white kernels, in the dry state it turns pink and reddish. 20c. qt., 4 qts. 60c., \$1.10 per peck, bush. \$4.00.

Peep o'Day. The earliest corn in existence, but produces very small ears; especially adapted for growing under glass. Qt. 20c., 60c. per 4 qts., peck \$1.15, \$4.50 per bu.

Premo. One of the real good extra early large-eared varieties. Qt., 25c., 4 qts. 70c., \$1.30 peck, bush. \$5.20.



MEDIUM AND LATE VARIETIES

*Eastwick. A new variety that will become a great favorite. The hull when the corn is eaten remains on the cob, which is a valuable feature; it is of medium size and exceptionally sweet. 30c. qt., 4 qts. \$1.10, \$2.00 per peck, bushel \$8.00.

*Michell's Delicious. Any market gardener selecting this variety as his standard for a mid-season planting will not be disappointed. Not only does it produce handsome ears in large quantity, but its flavor is excellent, and once tasted it is demanded again. Medium late. Qt. 30c., \$1.10 per 4 qts., peck \$2.00. \$8.00 per bu.

*Stowell's Evergreen. This old favorite cannot be superseded by any; it has the shape, size and quality in such abundant measure that the grower not only likes to plant it, but the consumer demands it. Qt. 20c., 60c. per 4 qts., \$1.00 per peck, bush. \$4.00.

*Country Gentleman. A large late variety, where the deep kernels are set very irregularly on the cob. It is undoubtedly one of the sweetest late corns grown, which alone recommends it. Qt. 20c., 70c. per '4 qts., peck \$1.25, \$5.00 per bu.

Little Gem or Shoe-Peg (Ne Plus Ultra). Very similar to the above, having the same merits. Qt. 20c., 70c. per 4 qts., peck \$1.25. \$5.00 per bu.

Black Mexican. Medium-sized ears, black and white kernel, very sweet; late. Qt. 20c., 60c. per 4 qts., peck \$1.10, \$4.40 bu.

Late Mammoth. The latest maturing and the largest of all sweet corn, gigantic ears produced in quantity. The stalks often grow 8 to 9 feet high. Qt. 20c., 60c. per 4 qts., peck \$1.10, \$4.25 per bu.

Sugar Corn on Ears

We can supply the following varieties in selected, well-shaped ears; bought in this manner one can make a careful reselection of grains or ears:

Crosby's, Country Gentleman, Stowell's Evergreen, Late Mammoth, Kendel's and Stabler's. 7c. each, doz. 75c., \$5.00 per 100.

POP CORN (on Ears) For seeding or popping.

 White Rice
 \$0.08
 \$0.65

 Golden Queen
 .08
 .65

FIELD CORN

Grown especially for seed purposes, shelled from selected ears, carefully tipped and butted.

25. 6 600 5 11	from selected ears, carefully	upped	and L	uttea.
Michell's Delici			Pk.	Bu.
ety, producing	Chester Co. Mammoth	01.0	\$0.55	\$2.00
	Cloud's Early Yellow Dent	.10	.60	2.10
70c. per 4 qts.,	Early Yellow Canada or Flint (8 rowed)	.10	·55	2.00
	Golden Beauty Improved		-55	2.00
od shaped ears,	Hickory King. White	.IO	-55	2.00
urns pink and	Leaming Early Dent. Selected strain	.10	-55	2.00
_	" " Pedigree Strain (in 1-bu.			
sh. \$4.00.	crates, \$3.75, 5 bushels for \$17.50).			
produces very	100 Day Early Bristol	.10	-55	2.00
der glass. Qt.	Red Cob Ensilage. White		-45	1.75
	Eureka Ensilage. Yellow	.IO	.35	2.00
	Virginia Ensilage. White		.50	, ,
eared varieties.	When ordering Field Corn in I bushel lots ar			
	for each 2 bushel seamless bag. (These are return	rnable	for cr	edit.)

CHERVIL

Few market gardeners realize that they can have a steady income during the winter from supplying fresh greens to the hotel trade. Chervil is a flavoring green which is used in dressing lettuce and while it is but little known a single introduction will work up considerable demand.

Double Curled. Oz. 10c., 30c. 1/4 lb., lb. \$1.00.

CHICORY. Large Rooted. 8c. oz., 1/4 lb. 20c., 70c. lb. Witloof. 10c. oz., 1/4 lb. 35c., \$1.25 lb.

CORIANDER. For flavoring. 7c. oz., 1/4 lb. 20c., 50c. lb.

CORN SALAD

On account of the German populace in and near Philadelphia, this is much in demand and constitutes a profitable crop, bringing in money at a time of the year when vegetables are either exhausted or have not yet matured.

Large Seeded. Oz. 5c., 15c. 1/4 lb., lb. 45c., \$2.00 per 5 lbs.

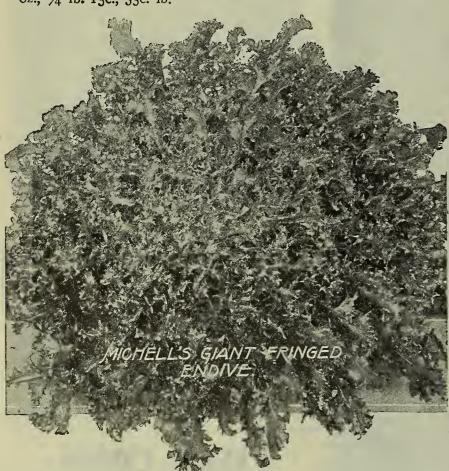
CHIVES. Strong clumps. 75c. doz., 100 \$5.00. Seed, pkt. 10c.

WATER CRESS

A profitable side crop on any place where there is a stream of water, once established it remains for years, seeding itself. Prefers a running stream, not too deep; a money-maker in the spring, without any bother.

True Erfurt. Oz. 25c., 85c. 1/4 lb., 1b. \$3.00.

GARDEN CRESS. Extra Curled or Pepper Grass. 5c. oz., 1/4 lb. 15c., 35c. lb.



ENDIVE

*Giant Fringed. One of the largest and most curley varieties, very tender when properly blanched. This is another crop that brings in returns during the dull season. Properly cared for it can be kept all winter and marketed as required. Oz. 15c., 5oc. 1/4 lb., lb. \$1.50.

*Broad Leaved Batavian. This variety has large broad, ribbed

leaves, which blanch almost pure white and which sells readily, especially to the French and Italian people. Oz. 10c., 35c. 1/4 lb.,

0 , ψ_1, z_5 .	lb. Lb.
Improved Green Curled\$0.10 \$0	0.30 \$1.00
White Curled. Self Blanching	.35 1.25
FENNEL. An aromatic herb	.20 .65
GARLIC. 25c. lb. (5 lbs. \$1.00)	.25
HOP VINES. Strong plants. 75c. doz., per 100 \$6. pkt. 8c.	.oo. Seed

LEEK

*Giant Carentan Enormously large very thick, long stalk with plenty of edible heart. 15c. oz., 1/4 lb. 50c., \$1.75 lb.

*Large Mussell= burg. Slightly longer than the Carentan, but not so thick at the base. 15c. oz., 1/4 lb. 50c., \$1.75 lb.

London Flag. Oz. 15c., 45c. ½ lb., lb. \$1.50.

LAVENDER

(Herb). 15c. oz., 1/4 1b. 35c., \$1.00 lb.



Giant Carentan Leek

DANDELION

This is not the common weed known under that name, but one which is especially cultivated as a spring green, being grown in frames for this purpose. We handle only the true French Grown Seed, which is the only kind that should be used.

Thick Leaved, or Cabbaging. Oz. 25c., 85c. per 1/4 lb., lb. \$3.00.

DILL

Used as a flavoring for pickles laid in brine, there is a lively demand for it in all sections where cucumbers are put up in this way. Oz. 5c., 15c. 1/4 lb., lb. 50c.

EGG PLANT

*Black Beauty. The earliest, largest and finest colored fruit, extensively grown in New Jersey as the leading market variety. Our strain of seed is carefully selected from the best ripe specimens. Oz. 30c., \$1.10 \(\frac{1}{4} \) lb., lb. \$4.25.

	· Oz.	⅓ lb.	lb.
New York Improved	\$0.30	\$1.00	\$3.75
Black Pekin	25	.80	2.50
Early Long Purple			
3 1			

EGG PLANT PLANTS

•		100		
Hotbed Grown	 	\$2.00	\$17.50	
		3.50	30.00	

HORSE RADISH ROOTS

Maliner Kren, 6oc. per 100, per 1000 \$5.25. Common Variety. 4oc. per 100, per 1000 \$3.75.

ALE OR BORECOLE

New Imperial, or Long Standing. Very curly and of fine dark green color, stands about 15 inches high and is a tremendous cropper. Oz. 7c., 20c. ½ lb., lb. 60c. (5 lbs. \$2.50).

Dwarf Green Curled Scotch. A semi-dwarf variety which

stands the severest winters extremely well, of rich green color

and finely curled. 7c. oz., ½ lb. 2oc., 6oc. lb. Dwarf Green German. 7c. oz., ¼ lb. 2oc., 5oc. lb. Sea Kale. Pkt. 8c., 2oc. per oz.

KOHL RABI

This should be grown by market gardeners, especially those who have the patronage of German people; growers should be careful to market young roots only, as then only are they tender and delicious; can be successfully grown in frames.

		⅓1b.	
White Vienna	\$0.15	\$0.50	\$1.50
Earliest White Erfurt	20	.65	2.25
Purple Vienna			

Grown from carefully selected heads and strains of seed. Especially for market gardeners' trade.

VARIETIES marked * are especially suited to market gardeners' needs.

SPECIAL NOTE—Seeds offered on this page mailed postpaid at prices named. SHOP BY MAIL.

All Heart. Fine for spring and summer, large loose heads with

a solid heart. 20c. oz., ½ lb. 60c., lb. \$1.75

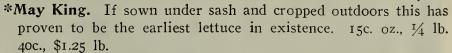
*Big Boston (Selected Stock). One of the best varieties for forcing under glass, but is equally satisfactory planted outdoors, large solid heads. Oz. 12c., 35c. 1/4 lb., lb. \$1.25.

Black Seeded Simpson. Ideal for midsummer; large, loose leaved curly heads. 10c. oz., 1/4 lb. 30c., \$1.00 per lb.

Boston Market. Splendid forcer and for spring use outdoors, small solid heads. Oz. 10c., 30c. 1/4 lb., lb. \$1.00.

Cabbage Head Giant. Monster head lettuce for summer. 20c. oz., 1/4 lb. 6oc., \$2.25 lb.

Early Cabbage, or White Butter. Very large heads, excellent for early spring or summer use. 10c. oz., 1/4 lb. 30c., \$1.00 lb.



*Michell's All=Right. For the first crop in hotbeds or outdoors in spring. A very large solid head with a rich green color. It requires less of these to fill a barrel than any other lettuce we know of, fine also for an autumn crop. Oz. 20c., 60c. 1/4 lb., lb. \$2.00.

*Michell's Number One. Ideal for autumn use, a sure header, immensely large. Oz. 15c., 40c. 1/4 lb., lb. \$1.50.

*Michell's Summer Queen. There are but few varieties of lettuce that can be depended upon to mature to perfection

during the excessively hot months. When we state that "Summer Queen" is the most reliable variety for this purpose we claim an absolute fact. It constitutes the best midsummer crop for the market gardener. The heads are enormous, very solid, of a light green color and are much superior to any other variety that can be cropped at that time. It will stay longer without going to seed than any others, thus being all profit and no loss to the grower. Oz. 25c., 75c. per 1/4 lb., lb. \$2.50.

Sensation. Large solid heads for summer or sowing under sash in spring. 15c. oz., 1/4 lb. 35c., \$1.25 lb.

*Spotted Dutch Butter (Private Strain). A very early lettuce, may also be used as a second crop; its appearance, if nothing else, sells it. The outer leaves are slightly tinged with brown on the edges, towards the centre they are light green, with a golden yellow heart. Oz. 15c., 50c. 1/4 lb., lb. \$1.75.

Spotted Dutch Butter (Regular Strain). Oz.

Ioc., 35c. 1/4 lb., lb. \$1.25. **Tennisball** (Black Seeded). One of the earliest for under glass or outdoors, makes small, compact heads. 10c. oz., 1/4 lb. 30c., \$1.00 lb.

Unrivaled. Similar to Big Boston. 15c. oz., 1/4 lb., 35c., \$1.25 per lb.

Wonderful, or New York. Splendid midsummer and late autumn sort, large curled leaf; heads. 15c. oz., 1/4 lb. 40c., \$1.25 lb.

LOOSE OR CURLED LEAVED VARIETIES

Early Curled Simpson. Very much like the Black Seeded Simpson, but is much earlier. 10c. oz., 1/4 lb. 30c., \$1.00 lb.

Grand Rapids (Special Strain). A variety used by many for forcing under glass, it is loose-leaved; very fine and brittle. Oz. 10c., 30c. 1/4 lb., lb. \$1.10.

Silesian. Ideal for a cutting lettuce, very early and lasts a long while, does not head. Ioc. oz., 1/4 lb. 30c., \$1.00 lb.

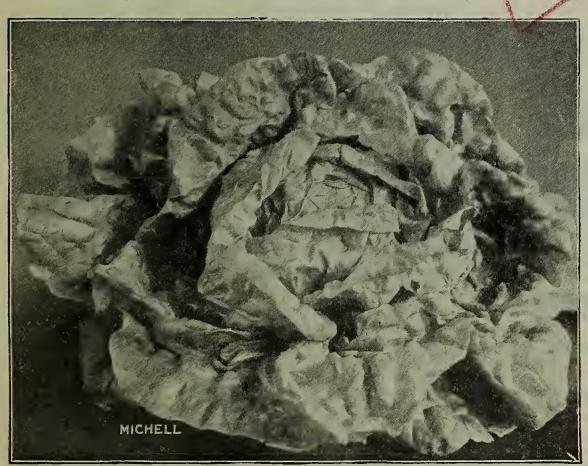
COS ROMAINE OR CELERY LETTUCE

Kingsholm Cos. Tall upright growth, fine heads, this sells readily to hotel trade, must be tied to blanch. Ioc. oz., 1/4 lb. 30c., \$1.10 lb.

Trianon Self Folding. Similar to the Kingsholm, but does not require tying to blanch. Oz. 10c., 30c. 1/4 lb., lb. \$1.10.

LETTUCE PLANTS

Leading Heading Varieties. Per 100 35c., \$2.85 per 1000.



Lettuce Summer Queen

Dayy's Improved Big Boston. This strain had its origin in France, near Paris, where it is probably grown more than any other sort. For a number of years a certain market gardener in the vicinity of New York had a monopoly on this variety, but after careful inquiry we have located the source of supply and are pleased to offer this most excellent lettuce in our catalogue for the first time. It is superior in every way to the usual strain of the Big Boston variety. The heads are larger, almost twice the size, more solid and of a better flavor. The grower would only allot us a very limited amount, so the stock is quite scarce for this season. We advise early ordering. 30c. per oz, per 1/4 lb. \$1.00, \$3.50 per lb.

Emperor Forcing. The finest variety for greenhouse or hotbeds. 10c. oz., ½ lb. 35c., \$1.25 lb.

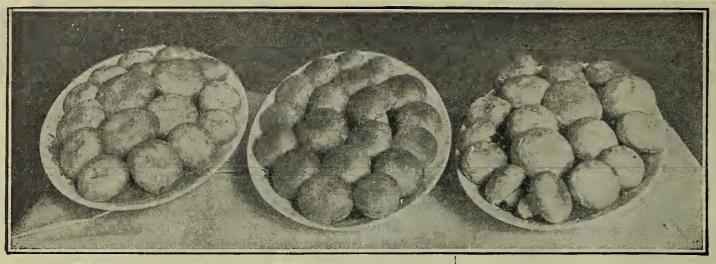
Hanson Improved. Crisp, curly heads, very solid, for summer use only. 10c. oz., 1/4 lb. 30c., \$1.10 lb.

*Mammoth Salamander. Splendid for midsummer, will resist heat and drought, always making a large solid head. Oz. 15c., 35c. 1/4 lb., lb. \$1.25.

MICHELLS VEGETABLE SEEDS 518 PHIL





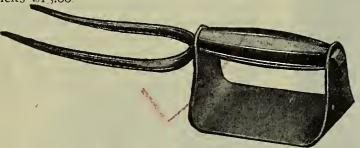


MUSHROOM SPAWN

We make a specialty of this very important article, handling all the tried and proven strains. From July to March we receive frequent shipments of new spawn, thus insuring our customers of getting first class quality. Descriptive pamphlet on Mushroom Culture "Free," ask for a

BRANDYWINE PURE CULTURE SPAWN

This type produces heavy, short-stemmed mushrooms of uniform size. The bricks are inoculated with Pure Spawn culture in the same manner as the "Lambert" strain. While this brand is comparatively new, it bids fair to become very popular in a short while; the bricks are larger than other brands. 25c. brick (postpaid 35c.), 5 bricks \$1.15, 12 bricks \$2.15, \$4.00 per 25, 100 bricks \$15.00.



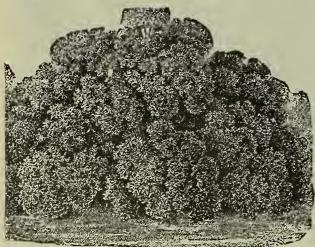
SPAWN PLANTER

An ingenious device for planting mushroom spawn. Opens the trench and closes it. 75c. each.



THERMOMETERS FOR MUSHROOM BEDS

Iron Point\$0.90 each Brass Point 1.35



Covent Garden Parsley

PARSLEY

*Covent Garden or Double Curled. This is the best variety for the market gardener, as it produces intensely curled leaves of good size of a rich green color, with long stems, which makes it easy to bunch. Oz. 10c, 25c. 1/4 lb., lb. 90c. (5 lbs. \$3.75).

*Champion Moss Curled. Densely curled, light green, long stemmed. Oz. 8c., 25c. 1/4 lb., lb. 90c.

*Hamburg or Rooted. A favorite among the foreign people who cook the root (crop very short). Oz. 10c., 25c. 1/4 lb., lb. 90c.

*Summer Green. This variety retains its color better than any other in hot weather, also remains without going to seed for a long while. The leaf is very light green; not very curly. Oz. 10c., 25c. 1/4 lb., lb. 90c.

LAMBERT'S PURE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing for a longer time. Standard No. 8 Cream White. For use from April to October. Standard No. 9 Pure White. For use from October to April.

Prices of Pure Culture Spawn. Standard Bricks.

Per brick, about 11/2 lbs\$0.20	25 Bricks\$3.25					
Per brick, postpaid30	50 " 6.00					
5 bricks	100 "11.00					
12 " 1.80	1000 "105.00					
Direct No. 8 Cream White. F	or use from April to October.					
Direct No. 9 Pure White Type. For use from October to April.						
Prices of Pure Culture	Spawn. Direct Bricks.					
Per brick \$0.25	25 Bricks \$4.00					
Per brick, postpaid35	50 " 7.50					
5 bricks 1.15	100 " 14.00					
12 " 2.15	100 " 14.00 1000 " 135.00					

MICHELL'S ENGLISH MUSHROOM SPAWN 15c. per brick (25c. postpaid); per doz., \$1.40; 25 lbs., \$1.60; \$6.00 per 100 lbs.; per 1000 lbs., \$55.00.

OKRA OR GUMBO

*Perkin's Long Pod. A very dwarf prolific variety, the pods are long and dark green. Oz. 7c., 15c. 1/4 lb., lb. 45c.

Dwarf Green. Exceedingly productive, dark green pods, this variety grows somewhat taller than the Perkin's. Oz. 7c., 15c. 1/4 lb., lb. 40c.

White Velvet, or Creole. Pods very smooth and white. Oz. 7c., 15c. 1/4 lb., lb. 40c.

PARSNIP

*Sugar, or Hollow Crown. Very thick, broad shouldered variety, pure white roots of large size. Oz. 8c., 15c. 1/4 1b., 1b. 5oc. (5 lbs. \$2.25).

Guernsey or Student. Slightly shorter with a broader top or shoulder than the above. Oz. 8c., 15c. 1/4 lb., lb. 5oc.

MINT

20c. per pkt. (3 pkts. 50c.). Mint Plants. 75c. doz., \$5.00

MUSTARD

White or Yellow. 5c. oz., 1/4 1b. 1oc., 3oc. 1b.



GARDEN TOOLS, FERTILIZERS, 518 RELIABLE MICHELL'S SEEDS, BIJLBS, PLANTS POULTRY SUPPLIES, ETC. MARKET ST

Wholesale Price List for Market Gardeners and Florists



MUSK MELON or CANTELOUPE

*Fordhook. An improved Emerald Gem, salmon-orange flesh,

large flat fruit. Oz. 10c., 30c. 1/4 lb., lb. \$1.00.
*Burrel Gem. In shape similar to Rockyford, but with rich

orange meat, an excellent shipper, an ideal melon for the market gardener. Oz. 10c., 30c. 1/4 lb., lb. \$1.00.

Michell's Delicious. Very large with silver grey smooth skin, flesh deep salmon; fine for hotel trade. (Pkt. 10c.) 40c. 0z., 1/4 lb. \$1.00, \$3.75 per lb.

*Emerald Gem. A leading variety with rich salmon flesh, very sweet and prolific. 10c. 0z., 1/4 lb. 30c., \$1.00 lb. Extra Early Hackensack. Of Turk's Cap form, being very early, netted and deeply ribbed, flesh light green. Oz. 7c., 20c. ¼ lb., lb. 7oc.

*Jenny Lind. Small but very early, planted for the first picking, green flesh. Oz. 7c., 25c. ½ lb., lb. 85c.

Golden Jenny (Netted Gem). Very prolific, resembling somewhat the Fordhook variety. Oz. 7c., 20c. ½ lb., lb. 70c.

Defender. Salmon flesh. 8c. 0z., ½ lb. 25c., 85c. lb.

Eden Gem. An improved Jenny Lind. 8c. 0z., ¼ lb. 25c., 85c. lb.

Hoodoo. Orange flesh, very fine. 8c. 0z., ¼ lb. 25c., 85c. lb.

Golden West. The finest orange-fleshed melon grown, very large. 20c. oz., 1/4 lb., 65c., \$2.50 per lb.

WATER MELON

*Tom Watson. A very dark green fruit, frequently 2 feet long and 12 inches in diameter. The very dark green rind is a contrast to the bright scarlet flesh which, by the way, is of splendid texture and flavor. Nothing can touch it in the melon line for shipping qualities, the rind being tough it will resist plenty of

abuse. 10c. oz., ½ lb. 25c., 85c. per lb.

*Halbert Honey. An ideal melon. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin, dark green while the flesh is a rich crimson. 7c. per oz.,

*Kleckley Sweets. Not a shipping variety, as the rind sets too close to the ripe fluffy, rich red meat. The melons average about 20 inches long and ripen quite early. 7c. per oz., 1/4 lb. 20c., 70c. per lb.

WATER MELON—(Continued)

Black Boulder. A mammoth melon with very dark green, almost black rind. The skin is a delicious mass of rich, red, crisp meat; a great producer. 7c. per oz., ½ lb. 20c., 65c. per lb. *Dixie. One of the old-time favorites, roundish-long in shape.

The skin is dark green, mottled light; the flesh is very sweet and ripens close to the rind. 7c. per oz., 1/4 lb. 20c., 60c. per lb. *Cuban Queen. Very similar in description to Dixie, except the

melon is of mammoth size; it is very solid and good for shipping. 7c. per oz., ¼ lb. 2oc., 6oc. lb.

*Mountain Sweet. Early and very large, oblong shape, rind dark green; flesh red, solid and sweet. 7c. per oz., ¼ lb. 15c., 50c. per lb.

Sweet Heart. Handsome oval shape, very large, green and mottled, solid, meaty and sweet. 7c. per oz., 1/4 lb. 20c., 60c.

Florida Favorite. Large oblong fruit with striped skin; flesh is brilliant pink, of most delicious flavor. 7c. per oz., 1/4 lb. 20c., 6oc. per lb.

Dark Icing. Large in size, very sweet and luscious. 7c. per oz.,

1/4 lb. 20c., 60c. per lb.

Light Icing. Flesh bright red, outside color very light green, round in shape. 7c. per oz., 1/4 lb. 20c., 60c. per lb.

PRESERVING CITRON OR MELON

Red Seeded. 7c. per oz., 1/4 lb. 20c., 60c. per lb.

POTATOES (Northern Grown)

We can also supply all other sorts.

Beauty of Hebron Early Rose (Maine Grown)
Michell's "Beats them All" (Ex. Early)...
State of Maine Irish Cobbler

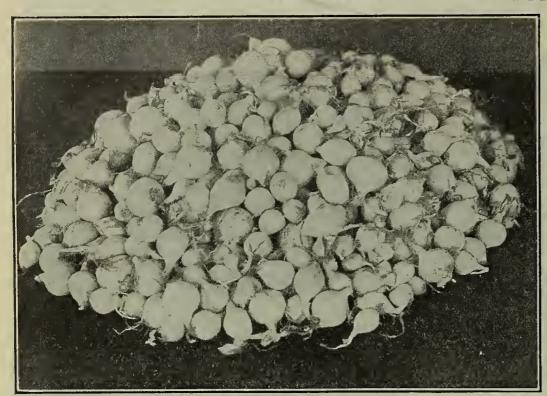
Prices vary according to market conditions. Orders will be executed at lowest prices or we will quote on request.

SWEET POTATO PLANTS (Ready in May)

Yellow and Red Nansemond. 30c. per 100, per 1000 \$2.50. Special price in large lots.

GARDEN TOOLS, FERTILIZERS, 518 MICHELL'S SEEDS, BULBS, PLANTS POULTRY SUPPLIES, ETC. MARKET ST. PHILA.

Wholesale Price List for Florists and Market Gardeners

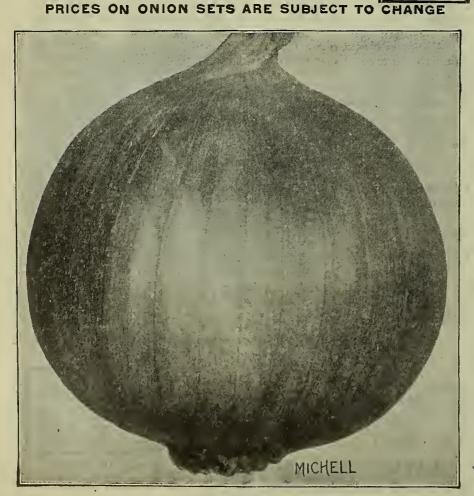


Choice Onion Sets always find a ready market

HOME GROWN ONION SETS, Etc.

Shipped on Local Orders about March 10th, unless otherwise requested.

	4	Measured
Quart Q	uarts	Peck Bush.
Yellow\$0.15 \$	0.50	Prices vary
White	.70	constantly.
Red	.50	Orders will be executed
White Multiplier	.70	at market
Potato Onion	.70	quotations
Shallots	.90	or special prices will
Tree or Top. (Can be supplied in Sept. and Oc	ct.)	be quoted on
Garlic Sets. Per lb. 25c., 10 lbs. for \$2.00.		request.



Prizetaker Onion

CHOICE ONION SEED

Ailsa Craig. The largest of all onions often weighing three lbs. and over, each. In England it is the foremost variety and will be seen there on exhibition during all vegetable shows. It is globe-shaped, slightly pointed at the top and base; the color is a beautiful straw yellow. To obtain best results sow seed in the hotbed and later transplant where it is to grow the plant in a later transplant. where it is to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. 25c. oz.,

apart and thus procure gigantic specimens. 25c. oz., ¼ lb. 75c., lb. \$2.50.

*Prizetaker. This mammoth yellow variety if sown thinly produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs. and more. Oz. 15c., 5oc. per ¼ lb., \$1.75 per lb., 5 lbs. \$8.00.

*Danver's Yellow Globe. This almost round in shape onion is extensively sown by the private and market gardener on account of its good keeping qualities. It is a dark straw color and always produces a good crop, growing to large size. Oz. 12c., 40c. ¼ lb., lb. \$1.40 (5 lbs. \$6.50).

Southport Yellow Globe. Similar to the Danvers. except larger in size, more like the Prizetaker.

except larger in size, more like the Prizetaker.
This is probably one of the most uniform growing varieties, every bulb being almost perfectly round and of the same size; light colored skin. Oz. 12c., 40c. ½ lb., lb. \$1.40.

*Yellow Strasburg (or Dutch). A dark straw color skinned sort, almost flat in shape but a large onion. Its fine keeping sort, aln.ost flat in shape but a large onion. Its fine keeping qualities is what recommends itself to the home as well as the market gardener. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other; one of the best winter keepers. Oz. 10c., 35c. 1/4 lb., lb. \$1.25 (5 lbs. \$5.75).

Large Red Wethersfield. A flat large growing variety. This class are excellent winter keepers, being flavored much like the yellow sorts; full size onions can be grown from the seed in one season. Oz. 15c., 40c. 1/4 lb., lb. \$1.25.

*White or Silver Skin. The standard white onion for market or home use, it is of very mild flavor, semi-globe shaped and is

or home use, it is of very mild flavor, semi-globe shaped and is very uniform in growth and size. 20c. per oz., 1/4 lb. 60c., \$2.25 per lb. (5 lbs. \$10.50).

*Southport White Globe. A beautiful type of an almost round

*Southport White Globe. A beautiful type of an almost round onion, growing to enormous size. 20c. oz., ½ lb. 70c., \$2.50 lb. Southport Red Globe. Form and style of this are the same as of Southport Yellow Globe. Oz. 12c., 40c. ½ lb., lb. \$1.50. White Barletta. Extra early small round variety used principally for pickling. Oz. 15c. 50c. ½ lb., lb. \$1.75. Bermuda White. An early variety growing an immense globeshaped bulb, producing (if when transplanted about 4 inches apart) gigantic onions. Oz. 20c., 60c. ¼ lb., lb. \$2.35. Bermuda Red. Similar in every way except color to the aforegoing variety. Oz. 20c., 60c. ¼ lb., lb. \$2.35.

PUMPKIN

*Large Tours or Mammoth. The biggest pumpkin in cultivation, producing fruits that often weigh 200 lbs. When fully ripened it is of a golden orange. Oz. 8c., 1/4 lb. 25c., 8oc. lb. Tennessee Sweet Potato. An oblong-shaped, medium-sized fruit with a very light buff yellow skin, for pies it is delicious.

*Large Cheese. A very large, flat, ribbed fruit, of a beautiful buff yellow color. 7c. oz., ½ lb. 2oc., 6oc. lb.

Japanese Pie. A crook-necked variety, deep green striped darker, which turns to a rich golden yellow. Per oz. 7c., 2oc. ½ lb., lb. 7oc.

Winter Luxury. Of very round and symmetrical shape. The chin is a russet yellow, while the flesh golden orange when ripe.

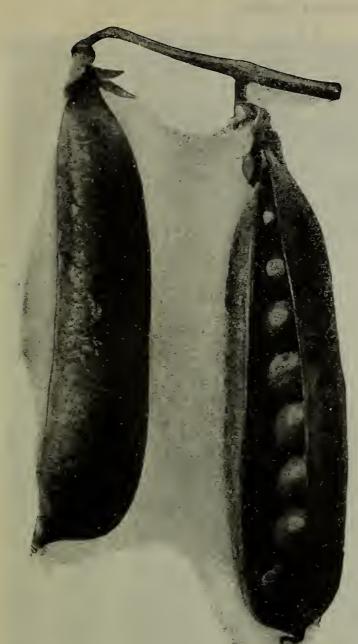
skin is a russet yellow, while the flesh golden orange when ripe.
Oz. 10c., 20c. 1/4 lb., lb. 70c.
Cashaw or Golden Crook Neck. A very meaty sort; suitable

for pie or stock feeding purposes; flesh golden yellow and very tender. Per oz. 7c., 20c. 1/4 lb., lb. 65c.

Connecticut or Common Field. Flesh coarse and suitable only

for stock feeding; color light yellow. 4c. per oz., 1/4 lb. 10c., 30c. per lb., 5 lbs. \$1.20.

Michell's Choice Garden Peas Grown Especially for Market Gardeners' Trade



NOTE. If peas are desired by mail please add 15c. per qt. for postage, regardless of zone or distance.

VARIETIES marked (*) are especially recommended for market gardeners'

EXTRA EARLY VARIETIES

Alaska. Smooth seeded, very early, height 21/2 feet. 25c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.

Ameer. A very large podded early pea, following the Alaska. It is a heavy cropper. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.

American Wonder. The earliest wrinkled dwarf variety, exceedingly sweet;

height, 10 to 12 inches. 30c. qt., 4 qts. \$1.10, \$1.85 peck, bush. \$7.25.

Bountiful. The pods are very large and well filled; it is very early, a good cropper. 30c. qt., 4 qts. \$1.00, \$1.85 peck, bush. \$7.25.

Dandy Extra Early. These are a selection of the Eureka; smooth seeded, very prolific. 30c. qt., 4 qts. \$1.10, \$1.75 peck, bush. \$7.00.

Early June. A green-seeded, smooth pea, desirable for first planting, an improvement on Alaska; height, 2½ feet. 25c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.

Early Morn. One of the earliest of wrinkled peas, earlier and better it is claimed than Gradus or Thos. Laxton. The pods are large and well filled, matures in 60 days and is very prolific. 30c. qt., 4 qts. \$1.10, \$2.00 peck, bush.

Eureka. A great producer and extremely early, smooth-seeded; height, 24 inches. 25c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.

Gradus, or Prosperity. Exceedingly luscious, wrinkled and a producer of gigantic pods and peas; height, 36 inches. 40c. qt., 4 qts. \$1.25, \$2.25 peck, bush. \$9.00.

Harvester. A great producer under trying conditions. 18 inches high, very

sweet, wrinkled. Qt. 45c., \$1.75 for 4 qts., pk. \$3.25, \$12.00 per bushel.

Laxtonian. An extra early marrowfat type, growing 12 inches high, very prolific. 30c. qt., 4 qts. \$1.10, \$1.90 pk., bu. \$7.50.

Little Mary et at the first second in the second prolific, 15 to 18 inches

high. 35c. qt., 4 qts. \$1.10, \$2.00 pk., bu. \$8.00.

McLean's Little Gem (or Premium Gem). Similar to American Wonder, but a heavier producer, wrinkled seed; height, 18 inches. 30c. qt., 4 qts. 95c., \$1.75 peck, bush. \$7.00.

Michell's Special Extra Early. Extremely early, lusciously sweet and very tender; a grand yielder; height, 24 inches. 40c. qt., 4 qts. \$1.40, \$2.25 peck, bush. \$9.00.

Nott's Excelsior. One of the leading varieties for the market garden. Height, 15 inches. 30c. qt., 4 qts. \$1.00, \$1.85 peck, bush. \$7.25.

Saxonia. One of the earliest peas, producing pods 3½ inches long. The vines

grow about 2 feet high and are very vigorous. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.

Sutton's Excelsior. It is dwarf, growing about 16 inches and makes a long, broad pod, well filled. 30c. qt., 4 qts. \$1.10, \$2.00 peck, bush. \$7.75.

Thos. Laxton. On a par with Gradus in quality, heavy producer. 40c. qt., 4

qts. \$1.35, \$2.25 peck, bush. \$9.00.

GENERAL OR LATER CROP VARIETIES

Black Eye Marrowfat. Excellent where a large crop is desired; height, 4 feet. 20c. qt., 4 qts. 75c., \$1.35 per peck, bush. \$5.00.

Champion of England. A very tall, rank grower, but a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet, 30c. qt., 4 qts. 90c., \$1.60 peck, bush. \$6.25.

Dwarf Champion. Possesses most all the good qualities of the famous Champion of England, and having the further advantage of being dwarf: a very delicious pea, which should be planted largely: height, 2 feet. 30c. qt., 4 qts., \$1.00. \$1.75 peck,

Fillbasket. Market gardeners and those desiring a large crop should plant this variety; quality very good; height, 30 inches. 25c. qt., 4 qts. 90c., \$1.75 peck, bush. \$7.00.

Stratagem (*Improved*). Immense pods, containing an abundance of good, large, tender peas: seed wrinkled; height, 20 inches. 30c. qt., 4 qts. \$1.10, \$1.85 peck, bush. \$7.25.

SUGAR OR EDIBLE POD VARIETIES

This type produces large, well-filled pods. The latter are cooked with the peas intact. They are very tender and exceedingly sweet.

Dwarf Sugar. Gray seed; height, 2 feet. 30c. qt., 4 qts. \$1.10, \$2.00 peck, bush. \$8.00.

Melting Sugar. White seed; height, 4 feet. 35c. qt., 4 qts. \$1.25, \$2.25 peck, bush. \$9.00.

SECOND EARLY VARIETIES

Alderman. A very large pod filled with luscious peas; plants grow 3 feet high and are very prolific. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.

Bliss Abundance. Large pods containing six and even more peas of a delicious flavor. 25c. qt., 4 qts. 85c., \$1.60 peck, bush. \$6.25.

Daisy, or Dwarf Telephone. One of the best medium early sorts, bearing heavy pods in the greatest abundance. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.

Heroine. A fine, wrinkled variety; height, 2 feet; a great cropper. 30c. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.

Long Island Mammoth. Largely in use among market gardeners; it yields handsome, large peas. 30c. qt., 4 qts. 95c., \$1.75 peck, bush. \$6.75.

Pride of the Market. An excellent dwarf variety for early summer use; pods containing as many as nine peas. 3oc. qt., 4 qts. \$1.00, \$1.75 peck, bush. \$7.00.

Potlatch. A grand variety similar to Daisy, very sweet. Qt. 30c., \$1.10 for 4 qts., pk. \$2.00, \$8.00 per bushel. Quite Content. An improved Alderman, very large pods, contain-

ing often 9 to 10 peas, is very prolific, yielding for a long while;

Telephone (Tall). The finest late wrinkled pea grown; exceedingly sweet; an abundant producer; height $3\frac{1}{2}$ feet. 30c. qt., 4 qts. \$1.00, \$1.75 per peck, bush. \$6.75.

White Marrowfat. Used for cooking with meats; height, 3 feet.

20c. qt., 4 qts. 75c., \$1.35 per peck, bush. \$5.00.

MICHELL'S RELIABLE GARDEN TOOLS, FERTILIZERS, 518 PHIL

Wholesale Price List for Market Gardeners and Florists

PEPPER Choice Seed, New Jersey Grown

*Cayenne. A long red variety, very hot and used principally for bunching with pot herbs. 15c. oz., ¼ lb. 5oc., \$1.75 lb.

Celestial. A Chinese variety bearing roundish upright pods of various colors on one bush. 20c. 0z., 1/4 lb. 60c., \$2.00 lb.

*Chinese Giant. This is a real monster pepper, perfectly sweet, the fruit is green turning to bright scarlet, matures very late, a very shy seeder. One of the best for market. 35c. oz., 1/4 lb.

very shy seeder. One of the best for market. 35c. oz., ¼ lb. \$1.25, \$4.50 per lb.

Ruby Giant (New). Very large; adapted for stuffing; mild flavor. 30c. oz., ¼ lb., \$1.10, \$4.00 per lb.

Golden Dawn. A large yellow variety, shaped like the Chinese Giant, very sweet. 20c. oz., ¼ lb. 60c., \$2.00 lb.

Hot Bull Nose. This variety is identical, except flavor, with the Sweet sort bearing the same name. 20c. oz., ¼ lb. 65c., \$2.25 lb.

Large Sweet Spanish. A variety rivaling with Chinese Giant, is, however, not as large. Color and shape very similar, also late in maturing. 20c. oz., ¼ lb. 60c., \$2.00 lb.

Neapolitan. This variety is an excellent one, grows in long shape and somewhat narrow; it stands upright on the bushes.

shape and somewhat narrow; it stands upright on the bushes. The fruit is sweet and bright red; a very early sort. 20c. oz.,

1/4 lb. 70c., \$2.50 lb.

New Apple Pepper. A variety of novel appearance, having the form of an apple standing upright on the plant; first green it afterwards turns a brilliant red, very mild in flavor. For pro-lificness nothing can surpass it, beginning very early it con-tinues to bear until killed by frost; about 3 inches in diameter. Choice seed grown at our Evergreen Seed Gardens (limited supply). 8c. per pkt. (2 pkts. 15c.).

Red Cherry. A small upright growing sort; very hot in flavor.
20c. oz., 1/4 lb. 60c., \$2.00 lb.

Ruby King. A large red variety resembling Bull Nose. 20c. oz., ½ lb. 60c., \$2.25 lb.

Small Chili. Used principally for seasoning and making sauce; the small, narrow, red pods are very hot. 20c. oz., 1/4 lb. 60c., \$2.00 lb.

*Large Bell or Bull Nose. The standard repper for market; a great producer. The large fruits are green, but later turn a vivid scarlet. 20c. oz., 1/4 lb. 60c., \$2.00 lb.

PEPPER PLANTS Doz. Hotbed Grown \$0.15 \$1.00 \$7.50 Pot Grown45 3.50 32.50



Chinese Giant Pepper



Mammoth Sandwich Island Salsify SALSIFY (Oyster Plant)

Long White. The favorite market variety, somewhat thinner than the Sandwich Island variety. Oz. 7c., 25c. ¼ lb., lb. 90c. *Mammoth Sandwich Island. This variety is of enormous size, twice as large as the ordinary French; pure white, very tender and delicious. Oz. 10c., 30c. ¼ lb., lb. \$1.10.

A LETTER FROM GEORGIA Seeds arrived O. K. Thanks for your courteous handling of my order. A prospective customer I had in mind for you; bought elsewhere, his seeds arrived at the time yours did, so we are off in a race for supremacy. Michell's seeds are already, at the start, far in the lead. H. J. McGEE.

ROSEMARY	Oz.	¼ lb.	Lb.
RUSEMARI	· \$0.25	\$0.90	Φ3.25
RHUBARB			
Linnaeus	10	.30	1.00
Victoria	10	.30	1.00
RHUBARB ROOTS	Doz.	100	1000
Large Size	.\$0.50	\$3.50	\$32.50
Giant Size for forcing	. 1.50	10.00	90.00
SORREL. French Broad Leaved, oz. 120			

GARDEN TOOLS, FERTILIZERS, 518 RELIABLE MICHELL'S SEEDS, BULBS, PLANTS POULTRY SUPPLIES, ETC. MARKET ST

RADISH

EARLY SORTS

Brightest Scarlet, Half Long. Entirely distinct, being a vivid scarlet color, tipped with white. 7c. oz., 1/4 lb. 15c., 5oc. lb.

*Cardinal or Scarlet Globe. The very best forcing variety, is of globular shape and brilliant cardinal red color. 7c. oz., 1/4 lb. 20c., 65c. lb.

*Cardinal Globe (Improved Strain). This popular radish will be welcomed readily in an improved form, the color and shape are perfect. The leading variety for the market gardener and one of which we sell in very large quantities. The seed of this is harvested from transplanted roots, which have been especially selected as to color and shape. 10c. oz., 1/4 lb. 30c.,\$1.00 lb.

Crimson Giant. Turnip shaped; very large and tender. Oz. 7c., 20c. ¼ lb., lb. 70c.

*Early French Breakfast. Oblong shape, rapid grower, of a beautiful scarlet color, tipped white. Oz. 7c., 20c. 1/4 lb., lb. 60c.

*Fireball. Turnip shaped; brilliant scarlet color, crisp and tender; useful only as a forcing variety or for early spring sowing. 7c. oz., 1/4 lb. 20c., 60c. lb.

*Icicle. A magnificent white variety of fine taste, grows 3½ to 4 in. long in 22 days. Also suitable for summer. Oz. 7c., 20c. 1/4 lb., lb. 60c.

*Long Scarlet Short Top or Salmon. The standard variety: long bright scarlet with small short top. Oz. 7c., 15c. 1/4 lb., 1b. 5oc.

*Round Red Forcing or Button. Very quick in maturing, very short top. 7c. oz., 1/4 lb. 20c., 60c. lb.



Michell's Private Stock Cardinal Globe Radish



Felton's Stock White Box Radish.

EARLY SORTS—Continued

Round White Forcing or Turnip. An excellent small solid

variety. 7c. oz., ½ lb. 20c., 60c. lb. *White Box, Felton's. (Private stock.) A selection of the old reliable White Box radish, more perfect in form, producing shorter tops, and does not have a tendency to grow long in shape. 7c. oz., 1/4 lb. 20c., 60c. lb.

White Box, Philadelphia Grown. Perfectly round, smooth

skin, pure white. 7c. oz., 1/4 lb. 15c., 5oc. lb.

SUMMER SORTS

*Beckert's Chartier (Long). Color bright salmon scarlet, shad-

ing to white as it approaches maturity; it is very crisp and tender. Oz. 7c., 2oc. 1/4 lb., lb. 6oc.

Golden Olive Shaped Yellow. An improvement on the old Yellow Golden State of the stat

exceptional quality, very mild. Oz. 7c., 15c. ¼ lb., lb. 5oc.

Large White Summer Turnip. Very large root of uniform round shape. Oz. 7c., 15c. ¼ lb., lb. 45c.

Long White Lady Finger. A fine white, crisp and mild variety.

Oz. 7c., 15c. 1/4 lb., lb. 5oc. *White Strasburg. Oblong of a pure white color, and mild

flavor. This is one of the standard half long varieties for the market gardener. Oz. 7c., 15c. 1/4 lb., lb. 5oc.

WINTER VARIETIES

*California White Winter. Grows 8 to 10 inches long. One of

the best for winter. Oz. 7c., 2oc. 1/4 lb., lb. 6oc. *Celestial or White Chinese. Large size. Pure white, excellent

keeper. Oz. 7c., 20c. ½ lb., lb. 70c.

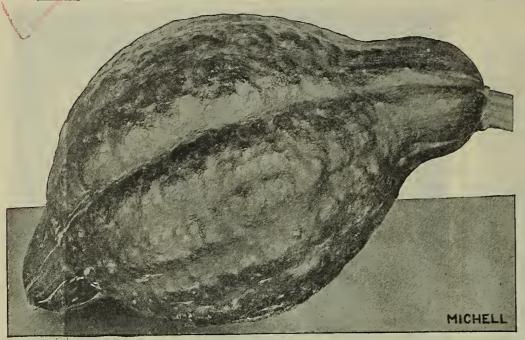
*Half Long Black. A great improvement on the old Long Spanish Radish. Oz. 7c., 20c. ½ lb., lb. 60c.

Long Black Spanish. A favorite among winter sorts. Oz. 7c., 15c. ¼ lb., lb. 45c.

Round Black Spanish. Like the above, except in form. Oz. 7c.,

15c., 1/4 lb., lb. 45c.

China Rose. Bright rose color; flesh firm. One of the best for winter use. Half long in shape with a scarlet blunt tip. Fine variety for market gardeners. 7c. oz., 1/4 lb. 20c., 60c. lb.



Golden Hubbard Squash SPINACH

Bloomsdale Round-Seeded Savoy (Improved Strain.) The hardiest Savoy leaved variety; curled and crimped, thick, fleshy leaves; the best for early spring and fall sowing. 8c. 1/4 lb., lb. 2oc., \$1.25 per peck (10 lbs.), bushel (40 lbs.) \$5.00.

Long Season. A cross between the old reliable Bloomsdale and the Victoria. It produces the victoria and leaves the victoria and leaves the victoria.

which are strong and robust. It will resist heat better without shooting to seed than any variety yet introduced. The leaves are somewhat curled, and are tender. Color, a beautiful dark green. 10c. 1/4 lb., lb. 25c., \$1.60 per peck (10 lbs.), bushel (40 lbs.) \$6.00.

New Zealand. This variety endures heat and drought; excellent for summer use; the leaves are small and thick. It is an enormous yielder, growing upright, one sowing can be picked

from the entire summer, a very distinct variety. This variety is not used much by market gardeners, but if once introduced by them would find a ready sale; it insures a supply of spinach all season regardless of heat. 20c. 1/4 lb., lb. 60c. (\$5.00 per 10 lbs.).

Victoria Long Standing. This thick-leaved variety is distinguished by the exceedingly dark green color, and also for its long-standing qualities and crinkled foliage,

especially valuable for summer use, resisting the heat to a remarkable degree. 8c. 1/4 lb., lb. 20c., \$1.25 per peck (10 lbs.), bushel (40 lbs.) \$5.00.

Garden Giant (New). A last year's introduction of ours; it produces an enormous plant and leaf and is especially desirable where quantity is wanted. It is suitable for either spring or fall, though not a winter spinach; very dwarf. 25c. lb., \$1.00 per 5 lbs., 10 lbs. \$2.00.

SWISS CHARD

To our knowledge no market gardener has ever attempted to grow this for profit, and yet we find that among our general customers there is a great demand for it, and we honestly believe that if properly introduced it could be made one of the most profitable of garden products. It will bring in twice as much money per acre as spinach and can be cut all summer, as it does not go to seed. Oz. 1/4 lb. Lb. 5 Lbs. Giant Lucullus \$0.10 \$0.25 \$0.85 \$3.50 Oz. ½ lb. Lb. \$0 07 \$0 20 \$0 60 SAFFRON **SAGE PLANTS** 75c. doz.; 100 \$5.00 SAVORY (Summer) 10 30 I 00 TOBACCO SEED. Havana, Connecticut, Pennsyl-

vania. Each, 7c. per pkt.

Wholesale Price List for Market Gardeners and Florists

SQUASH SUMMER VARIETIES

Golden Custard. A flat scalloped type, like the White Bush; the skin is of a light yellow color, which is very thin, leaving plenty of meat in the centre; a bush or compact growing kind. Oz. 7c., 2oc. 1/4 lb., lb. 6oc.

*Mammoth White Bush. Of round scalloped form with an ivory white skin. This variety has an abundance of meat of very fine flavor. It is one of the earliest to mature and is very prolific, bearing continually until killed by frost. Comes in market earlier than any other. Oz. 7c., 2oc. 1/4 lb., lb. 6oc.

Yellow Summer Crook Neck. Shaped like a club with

a bent neck. The skin is very rough and warted, of an orange yellow color. Much preferred by the cook on account of its very dry meat when boiled. This is a running variety. Oz. 7c., 15c. 1/4 lb., lb. 55c.

FALL AND WINTER VARIETIES (Running Sorts)

*Delicious. Well named, as it has the finest flavor of any squash, of oblong shape with a deep green skin and thin rind, with a seed cavity so small that it almost meets in the centre. One of the best winter keepers; grown extensively for market; when matured it weighs from 5 to 10 lbs. and is in its prime during the early

*Golden Hubbard. Used extensively for pie, and served as a vegetable; it is very dry and delicious. The outside is a deep orange red, while the flesh is very tender. An ideal winter market squash. Oz. 7c., 25c. ½ lb., lb. 65c.

winter. Oz. 7c., 25c. 1/4 lb., lb. 85c.

Boston Marrow. Shaped similar to Hubbard, golden orange; fine for canning for winter use; cooked as a vegetable or in pie. Oz. 7c., 20c. 1/4 lb., lb. 60c.

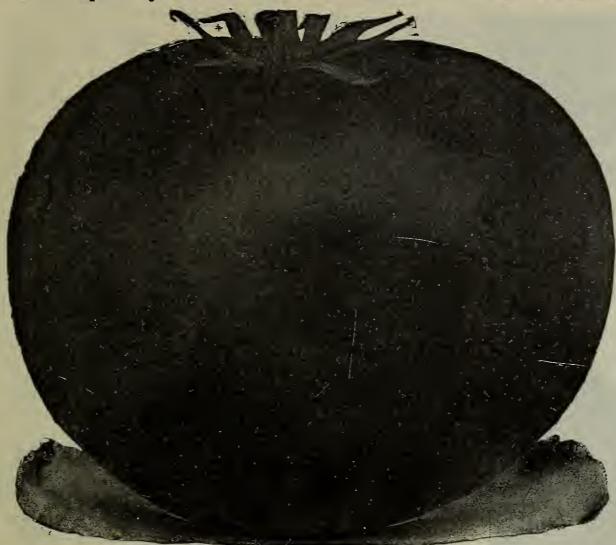
Vegetable Marrow. A long greenish white variety; fine for cooking; very sweet and tender. This is the favorite squash with the English people. Market gardeners will find a ready demand for this sort. Oz. 7c., 2oc. 1/4 lb., lb. 7oc.



Long Season Spinach

Michell's Choice Tomato Seed

Grown especially for Market Gardeners' Trade. Varieties marked * are suited best for market growing.



Michell's Private Stock Stone Tomato

Early Varieties

*Michell's Crackerjack. Its "distinctive" qualities are so numerous that space will not permit us to describe all. Here are

Two weeks earlier than any other sort tried in our gardens. A continuous early bearer, producing fruits right up till frost time. The most abundant tomato we know, absolutely smooth fruit; never cracks, except when overripe. All fruit is of even size, and every fruit can be used. Grows in clusters from 5 to 10 perfect tomatoes, of a brilliant rich scarlet. The firm flesh makes *Michell's Very First. Frequently the tomatoes will weigh four-teen to sixteen ounces each. It is a heavy producer of hand-some fruits which are all well is taken and of a bright red color, in our trials we have found it to be the very first to ripen.

Pkt. 7c.; 20c. per ½ oz.; oz. 40c., \$1.35 per ¼ lb. lb. \$5.00. *Earliana (Spark's). The most prolific early tomato ever produced. Grows in clusters; medium in size; solid and most desirable. 10c. per ½ oz., oz. 20c., 60c. ¼ lb., lb. \$2.25.

*Bonny Best. One of the best and most prolific of early tomatoes. The size is not so large but it is very solid and evenly formed. Color a beautiful bright red. Pkt. 7c., 13c. ½ oz., oz. 25c., 75c. per ¼ lb., lb. \$2.75.

*Early Jewel (Chalk's). A favorite variety with the market

gardener. Color, a bright red; solid and a good shipper. Pkt.

7c., 13c. per ½ oz., oz. 25c., 75c. per ¼ lb., lb. \$2.50.

*June Pink. One of the recent introductions in tomatoes. In habit it is very much like Earliana, but a beautiful pink color instead of red. ½ oz. 10c., oz. 20c., 60c. per ¼ lb., lb. \$2.25. **Beauty.** One of the largest bright red tomatoes, solid and meaty, quite early. Oz. 15c., 50c. per ¼ lb., lb. \$1.75.

Forcing Varieties

While especially adapted for growing under glass during the winter, they succeed outdoors quite well, and have one especially valuable feature, being extremely early.

Stirling Castle. A firm, medium fruit, with few seeds; very

productive and of uniform shade, color rich red. Pkt. 7c.; 15c. ½ oz., oz. 3oc., \$1.00 per ¼ lb., lb. \$3.50.

Forcing Varieties—Continued

Michell's Crackerjack. See opposite column.

Sutton's Best of All. Grown from original stock. The fruit is medium sized, and of an intense red color, containing but few seeds, it is produced in clusters of from three to six fruits. Pkt. 7c., 20c. ½ oz., oz. 35c., \$1.25 per ¼ lb.

Frogmore. Grows in large clusters and

especially fine variety, very uniform and prolific, of deep red color. Pkt. 7c., 15c. ½ oz., oz. 25c.. 85c. ¼ lb., lb. \$3.25.

Comet. A cluster averages six tomatoes of medium size of the brightest red,

ripening up to the stem. Continues in bearing for a long while. 7c. pkt., ½ 0z. 20c., 35c. oz., ¼ lb. \$1.00, \$4.00 lb.

Sutton's Eclipse. A very smooth fruit, borne singly on plants which produce little foliage, a good point in a forcing tomato, vermilion red color; original packets 40c.

Later and General Crop Varieties

Michell's Improved Globe. One of the largest and heaviest tomatoes on our list, the shape is rather oblong so that for slicing it cuts more from a fruit than any other variety: absolutely smooth, never cracks and colors right to the stem.

Pkt. 7c., 15c. per ½ oz., oz. 30c, \$1.00 per ¼ lb., lb. \$3.75.

*Livingston's Globe. Especially adapted to slicing; very solid; color a handsome red, and a great producer; one of the best general crop varieties. 10c. 1/2 oz., oz.

*Stone (Michell's Private Stock). A very careful selection of the old favorite Stone. The fruits are larger, more even, and produced in greater abundance. One of the best tomatoes on the market 152 Mar. 272 Mar. 152 Mar. 272 Mar. 153 Mar. 273 Mar. 154 Mar. 273 Mar

the market. 15c. ½ oz., oz. 25c., 75c. ¼ lb., lb. \$2.50.

Greater Baltimore. An excellent variety for canning or market use, very large and solid, of rich red color, uniform in size. 7c. pkt., ½ oz. 15c., 25c. oz., ¼ lb. 75c., \$2.75 per lb.

Dwarf Giant. A dwarf type of true Ponderosa, very meaty and of gigantic size, rich purple crimson, fine shipper. Pkt. 7c., 15c.

½ oz., oz. 30c., \$1.00 per ¼ lb., lb. \$3.75. **Stone.** (*Usual Strain.*) 10c. ½ oz., oz. 20c., 60c. ¼ lb., lb. \$2.00.

*Red Rock. One of the most solid varieties, medium size and of a brilliant red color, a fine one for the market garden: medium early. 7c. pkt., 15c. ½ oz., oz. 25c., 85c. ¼ lb., lb. \$3.00. *Ponderosa. The largest tomato in existence; a beautiful red color; heavy producer, and of even form. 7c. pkt., ½ oz. 15c., oz. 25c., 90c. ¼ lb., lb. \$3.25.

Dwarf Champion. A distinct type, the plant looks like a miniature track work and compact; color of fruit bright red

ture tree; very dwarf and compact; color of fruit bright red and very solid. 10c. ½ oz., oz. 20c., 60c. ¼ lb., lb. \$2.00.

*Dwarf Stone. A compact growing plant, yielding a large crop of medium-sized solid tomatoes. Color, bright red. The plant is very distinct. 10c. ½ oz., oz. 20c., 65c. ¼ lb., lb. \$2.50.

Golden Queen. Large yellow. 10c. ½ oz., oz. 20c., 70c. ¼ lb.,

1b. \$2.25.

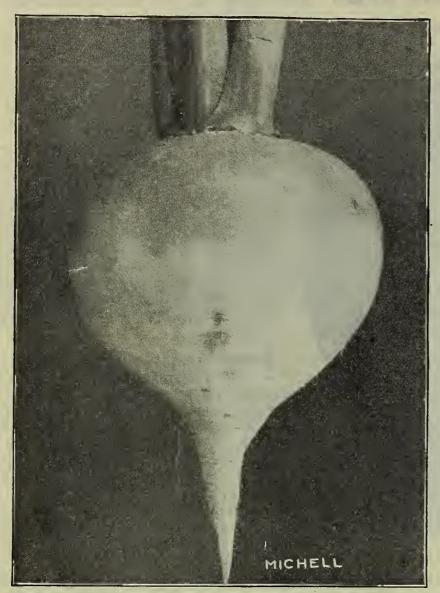
Matchless. Large red fruit, general crop. 10c. 1/2 oz., oz. 20c., 60c. 1/4 lb., lb. \$2.25.

Small Fruited Varieties

Highly desirable for preserving, almost fre		acid.	
Highly desirable for preserving, announce free ½ Oz.	Oz.	1/4 Lb.	Lb.
Red Cherry\$0.10	\$0.20	\$0.60	\$2.00
Yellow Pear or Plum	.20	.60	2.00
Strawberry or Husk	.20	.60	2.00
Red Peach of peach form and color 10	.20	.60	2.25
. Tomato Plants (Ready in April)	Doz.	100	1000

Hotbed=Grown. Leading sorts.....\$0.15 4.50 30.00

Wholesale Price List for Florists and Market Gardeners



Private Strain Improved Purple Top White Globe Turnip

TURNIP

Aberdeen. A flat yellow variety, a good winter keeper. Oz. 5c.,

15c. 1/4 lb., lb. 45c.

Cow Horn. A long white variety used for soiling and stock

feeding. Oz. 7c., 15c. 1/4 lb., lb. 5oc.

Early Purple Top Munich. A flat variety, very early, white flesh. Oz. 7c., 15c. 1/4 lb., lb. 5oc.

Early White Flat Dutch. A good variety for early spring sow-

ing, matures quickly. Oz. 5c., 15c. ½ lb., lb. 4oc.

*Early Purple Top Flat. The most popular variety in cultivation, a large yielder, well flavored. Oz. 5c., 15c. ½ lb., lb. 45c.

*Purple Top White Globe. A large perfect shaped sort, the skin is purple at top and white at bottom, very sweet. Oz. 7c., 15c. ½ lb., lb. 5oc., 5 lbs. \$2.25.

*Purple Top White Globe. (Private stock.) This is a careful selection of the above variety especially adopted for market

selection of the above variety, especially adapted for market gardens. Oz. 10c., 20c. ½ lb., lb. 70c., 5 lbs. \$3.00.

Robertson's Golden Ball. A globular-shaped sort, with deep yellow flesh. Oz. 5c., 15c. ½ lb., lb. 40c.

Snowball. A pure white globe variety, very early. Oz. 7c., 15c.

1/4 lb., lb. 45c.

White Egg. A small egg-shaped variety, good for early sowing. Oz, 5c., 15c. 1/4 lb., lb. 45c.

White Milan. A handsome flat sort, grand for very early use, sweet and tender. Oz. 7c., 2oc. 1/4 lb., lb. 7oc.

*Yellow Globe or Amber. Shaped like the Purple Top Globe,

but the color is like that of a Yellow Ruta Baga. Oz. 5c., 15c. 1/4 lb., lb. 40c.

RUTA BAGA

*Private Stock Purple Top Yellow. This is the perfect ideal Ruta Baga. Top is purple, the bottom yellow. It brings a high price when sold in the market on account of its shape. Oz. 10c.,

20c. ½ 1b., 1b. 75c., 5 lbs. \$3.25.

Improved Purple Top Yellow. This variety is the same color as the above, except the shape is more oblong. It is very desirable for table use and stock feeding. Oz. 5c., 15c. 1/4 lb., lb. 40c., 5 lbs. \$1.75.

WORMWOOD

A medicinal herb of great value. Perfectly hardy with slight protection. 15c. oz., 1/4 lb. 5oc.

THE WONDERFUL FERTILIZER FOR LEGUMINOUS CROPS

PEAS, BEANS AND OTHER LEGUMINOUS FARM CROPS WILL GROW MORE ABUNDANTLY

if the soil is properly sweetened with lime and worked to a good seed bed and the seed inoculated with Farmogerm high-bred Without bacteria, of the proper variety, in sufficient amounts (and in an active nitrogen-gathering condition) it is impossible to successfully grow alfalfa or other legume crop.

The great Fertilizer Value of Legumes depends entirely upon Inoculation with Farmogerm. 1000 to 2000 Pounds of Nitrates to the acre can be deposited in little sacks or nodules on the roots of the legumes, which will be immediately available for any following crop. Legumes embrace all of the various types of clovers, peas, beans and such other plants that have blossoms similar in shape and form as the above named. This type of plant has the ability of taking from the air vast quantities of free nitrogen, which exists there and which is not absorbed by other plants than those which belong to the legume family. This nitrogen is taken (breathed so to say) through the stems of the plant and deposited at the roots in little sacks or nodules, where it becomes immediately available as plant food in the form of nitrates. The application of Farmogerm to the seed of these legumes when planting practically trebles the nitrogen-gathering power and for this reason we urge all planters to use it on all such occasions. Please note that Farmogerm is not applicable to any other class of plant through inoculation, except as noted below; succeeding crops, though, following on ground where Farmogerm was used, derive tremendous benefits, as many plants that are not legumes require quantities of nitrates as plant food. plants that are not legumes require quantities of nitrates as plant food.

FARMOGERM SAVES THE COST OF ALL EXPENSIVE NITRATE FERTILIZERS

FARMOGERM can be had for any of the following crops in either 1/4 acre, 1 and 5 acre bottles. Each crop requires a different culture or bacteria and one cannot be used for the other (except where noted):

Alfalfa or Lucerne Alsike Burr Clover Crimson Clover

Canada Peas Cow Peas Garden Beans (Pole and Bush)

Garden Peas Peanuts Red Clover Sweet Peas

Soja Beans Vetches White Clover

No. 1 for Red, White, Crimson and Alsike Clover.

No. 2 for Alfalfa or Lucerne. No. 3 for Vetch or Canada Field Peas.

No. 4 for Soja Beans and Cow Peas in mixture.

No. 5 for Garden Peas, Garden Beans (Pole and Bush) and Sweet Peas.

GARDEN OR 1/4 ACRE SIZE, 50c. 1 ACRE SIZE, \$2.00. 5 ACRE SIZE, \$9.00

Complete Book on Farmogerm and Inoculations FREE. Always state for what crop Farmogerm is desired when ordering.

Michell's Seeds and Specialties for Florists' Store Sales







Florists and other merchants with stores may reap a good profit by selling seeds in packets during planting season. No knowledge of the seed business required, because the packets being lithographed are attractively arranged in a special display cabinet, which is loaned. Our packets of seed must not be compared with those often sold at Ic. and 2c. per packet, which are unreliable. Michell's Seeds as sent out in these packets are the same quality as sold by us over our own counters. If the display cabinets are properly placed, the goods sell themselves, and frequently bring you trade for other things.

List of Venetable Seeds—Mustrated Packets

	O'MOTORNYO O	CCUD	
Beets	Corn, early	Okra	Sage
Beans	Corn, late	Onion, yellow	Salsify
Beans (pole	Corn Salad	Onion, white	Squash
lima)	Egg Plant	Parsley	Spinach
Beans (bush	Endive		Summer Savory
lima `	Kohl-Rabi	Peas, early	Sweet
Cabbage, early	Kale	Peas, late	Marjoram
Cabbage, late	Lettuce, head		Thyme
Carrots, early		Radish (round)	
Carrots, late	Leek		Tomatoes, late
Cucumber	Musk Melon	Radish, rd. red	
Celery		Radish, long red	
	be entered about	, ,	

TERMS ON SEEDS IN PACKETS LISTED ABOVE

Where customers in ordering do not specify just how many of each is desired, we select assortments containing 50, 100, 150 and 200 packets in large variety such as will sell readily in cities and suburbs. We reserve the right where seeds are shipped on consignment to modify the quantity in accordance with customers' sales record the previous year. The cabinet when filled with these gayly colored packages is an ornament to the fanciest

Prices (regardless of quantity) on Illustrated Packets of Flower and Vegetable Seeds consigned, returnable only when in good, clean condition July 1st, \$2.50 per 100 packets.

On outright sale, not returnable, \$2.00 per 100 packets, per 1000 packets \$18.00; 250 packets at the 1000 rate.

Special Note: All seeds, other than listed above, or in different size packages, are sold outright only, and if purchased cannot be accepted for credit if returned.

Cabinets for displaying seeds are supplied at \$1.00 each. These are returnable for credit if in good order, either on consignment or on outright purchases. Display signs free.



Fertilizers, **Insect Destroyers**

Michell's Plant Food. \$1.00 per doz. packages; per 100, \$8.00. (Retails 15c.) Bowker's Plant Food. Small, \$1.35 per doz. pkgs.; per 100, \$10.50. S2.25 per doz. pkgs.; per 100, \$10.50. Large, \$2.25 per doz. pkgs.; per 100, \$16.00.

Bone Meal. 3-lb. boxes (retails for 15c.) 12c. each, \$1.30 doz., \$10.00 100.

Bone Meal. 5-lb. boxes (retails for 25c.) 20c. each, \$2.25 doz., \$18.00 100.

Bone Meal. 10-lb. boxes (retails for 100.) 40c.) 32c. each, \$3.75 doz., \$30.00 100, 3-oz. boxes (retail for 10c.), 85c. per ½-lb boxes (retail for 20c.), \$1.70 per doz.; per 100, \$6.15.

doz.; per 100, \$12.50. Lemon Oil, Insecticide. 1/2-pt. cans (retail for 25c.), doz., \$2.40;

\$18.00 per 100. **Aphine.** ¹/₄-pt. cans (retails at 25c. each), 20c. each; per doz., \$2.30; \$19.00 per 100.

LIST OI	Flower Se	eus—mustrai	led Packers
Ageratum	Castor Oil Bean	Hyacinth Bean	Poppy
Antirrhinum	Celosia	Larkspur	Portulaca
Alyssum	Chrysanthe-	Lobelia	Scabiosa
Aster	mum	Marigold	Scarlet Sage
Balloon Vine	Cobaea	Mignonette	Straw Flowers
Balsam	Cornflower	Moonflower	Stocks
Balsam Apple	Cosmos	Morning Glory	Sunflower
Calendula	Cypress Vine	Nasturtium,	Sweet Peas
California	Flower Seeds,	dwarf	Sweet William
Рорру	in mixture	Nasturtium,	Thunbergia
Calliopsis	Forget-Me-Not	tall	Verbena
Candytuft	Four O'clock	Pansy	Wild Cucumber
Canary Bird	Gaillardia	Petunia	Zinnia
Vine	Gourds	Phlox	
Carnation	Hollyhocks	Pinks	

No Flower Seeds consigned except those described above.



Michell's "Renowned" **Grass Seeds**

Grass Seed is one of our main specialties, and our trade in this article alone is approaching the million pound mark annually. It is known from the Atlantic to the Pacific and, when offered requires no introduction.

Consigned Price Doz. 100 Outright Sale Price Doz. 100 1000 \$4.50 \$44.00 9.00 87.50 Fairmount Park. Pint boxes..\$0.65 \$5.00 Fairmount Park. Quart boxes. 1.25 10.00 \$0.60 1.20 100

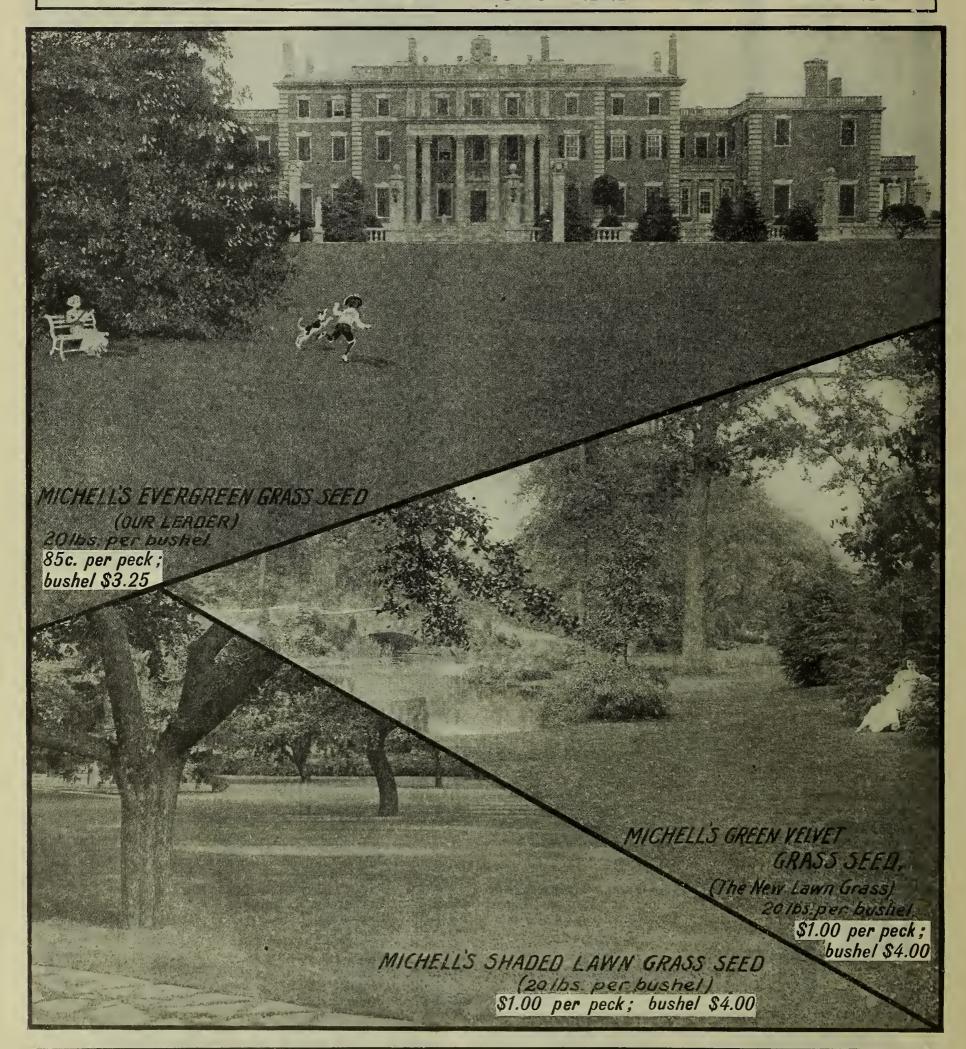
Michell's "Evergreen." Pints.....\$1.20 \$9.50
Michell's "Evergreen." Quarts.... 2.00 15.00
Michell's "Evergreen." 2 quarts... 3.50 27.50
Michell's "Evergreen." 4 quarts... 5.50 40.00
Michell's "Shaded Lawn." Pints... 1.20 9.50
Michell's "Shaded Lawn." Quarts 2.00 16.00
Michell's "Shaded Lawn." 2 quarts 3.60 28.00
Michell's "Shaded Lawn." 4 quarts 6.00 45.00
White Clover. Consigned, 30c. per dozen packets, \$2.50 per 100
packets; on Outright Sale, \$2.00 per 100 packets for any quantity. 1/4-lb, pkgs.. \$1.50 per doz.. \$12.00 per 100.

quantity. 1/4-lb. pkgs., \$1.50 per doz., \$12.00 per 100.
Under no circumstances do we consign Insecticides, Fertilizers, Michell's "Evergreen" Grass Seed, "Shaded Lawn" Grass Seed or White Clover (except as noted). They are sold on Outright

MICHELLS GRASS

SEEDS

MICHELL'S LAWN GRASS MIXTURES



CLIMAX LAWN SAND HILLS WEEDS BUT NOT THE GRASS.

We have absolute confidence in recommending this article for what it is suggested, viz.: to kill weeds in the lawn. Panaphlet giving detailed information with thorough instructions for use, mailed upon application. A ready seller. Florists with stores will find this profitable to handle. 31/2 lbs., 30c.; 60c. per 7 lbs.; 14 lbs., \$1.00; \$1.60 per 28 lbs.; 56 lbs., \$2.80; \$4.80 per 112 lbs.; 560 lbs., \$20.00.

MICHELL'S RECLEANED GRASS AND CLOVER SEEDS

Grasses and Clovers represent a very large volume of our business. Last year it aggregated nearly 500,000 lbs. We buy direct from the cleaners and growers and are invariably able to save our customers considerable money in this line. Our stock of native and foreign grown grasses are subjected to the most critical purity and germination tests by the U. S. Dept. of Agriculture prior to being offered for sale by us.

GRASS SEED MIXTURES

Michell's "Top Notch" Lawn Seed	l. (25 lb	s. per	bu.)	This
is the very best grass mixture that	can	ı be p	ut tog	gether	. Per
peck, \$1.75; \$6.25 per bushel. 1	Qt.	4 Qt.	Peck	Bu.	5 Bu.
Michell's Green Velvet Lawn Seed					
(20 lbs. per bu.)\$	0.20	\$0.60	\$1.00	\$4.00	\$19.00
Michell's Evergreen Lawn Seed					
(20 lbs. per bu.)	.20	.50	.85	3.25	15.75
Michell's Shaded Lawn Seed (20		6-			
lbs. per bu.)	.20	.60	1.00	4.00	19.00
Fairmount Park Lawn Seed (15	το.	25	60	2.00	0.75
lbs. per bu.) Evergreen Grass, with no clover	.10	·3 5	.00	2.00	9.75
(20 lbs. per bu.)	.20	.50	85	3 25	15.75
Special Sod Grass Mixture (15	•20	•50	.05	J. 2J	1373
lbs. per bu.)	.20	.60	.85	3.00	14.00
Seashore Lawn Seed (20 lbs. per bu.)	.20	.50			19.00
Lawn Tennis Grass Seed (20 lbs.		, ,			
per bu.)	.20	.50	.85	3.25	15.75
Golf Course Grass Seed (15 lbs.					
per bu.)	·10	-35	.70	2.75	13.00
Terrace or Embankment Lawn		6-			
Seed (20 lbs. per bu.)	.20	.60	1.00	4.00	19.00
Southern States Lawn Seed (15 lbs. per bu.)	.IO	25	70	275	13.00
Putting Greens Grass Seed	.10	•33	./0	2./5	13.00
Michell's Formula (20-lb. bu.)	.20	.60	1.25	5.00	22.50
Permanent Pasture Grass Seed				•	
(15 lbs. per bu.)	.15	.40	.60	2.25	11.00
Hay Field Mixture (15 lbs. per bu.)	.15	.40	.60	2.25	11.00
Those mixtures are fully described	in c	ur Ge	noral	Retai	1 Seed

These mixtures are fully described in our General Retail Seed Catalogue.

GRASS SEED IN PACKAGES FOR COUNTER TRADE

The following prices are on outright sale basis, for price on consigned basis for Fairmount Park Mixture see page 19.

	Per doz.		
Fairmount	Park. Pint boxes\$0.60	\$4.50	\$44.00
	Park. Quart boxes 1.20		
Evergreen.	Pint boxes 1.20	9.50	90.00
	Quart boxes 2.00		
Shaded La	wn. Pint boxes 1.20	9.50	90.00
	wn. Quart boxes 2.00		

RECLEANED WHITE DUTCH OR LAWN CLOVER

For sowing in lawns to encourage grass growing this is ghly valuable. Sow 10 to 12 lbs. per acre. We handle the highly valuable. Sow 10 to 12 lbs. per acre. We handle the choicest grade only. 40c. per lb.; 5 lbs., \$1.80; \$3.50 per 10 lbs.; per 100 lbs., \$30.00.

CARTER'S WORM-ERADICATING FERTILIZER

This is used extensively by the leading golf clubs on putting greens. It positively destroys worms of all kinds that are a detriment to good greens.

Put up in 100 lb. bags only. Price: \$4.00; 1000 lbs., \$36.00; \$69.00 per ton of 2000 lbs. Special price f. o. b. Boston.

GRASSES IN SEPARATE VARIETIES

Prices Subject to Market Changes

We handle the best recleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; we make no charge for mixing.

		Bushel	100 lbs.
14 Awnless Brome Grass. 40 lbs. per acre\$	81.0	\$2.25	\$14.00
Bermuda Grass	.90		
14 Blue Grass (Kentucky). Extra Fancy.			
3 to 5 bu. per acre (55c. per peck)	.20	2.25	14.00
14 Blue Grass (Canadian). 3-5 bu. per acre	.12	1.60	10.00
20 Creeping Bent. 4 bu. per acre	.40	6.50	30.00
21 Crested Dogstail. $3\frac{1}{2}$ to 4 bu. per acre 24 English Rye (Pacey's Fancy Perennial	-35	5.75	24.00
Rye), fine for lawns. 3 bu. per acre	.12	2.25	8.00
14 Fine Leaved or Slender Fescue	.40	5.00	32.00
32 Herd or Red Top. Fancy recleaned	.30	9.00	27.50
10 Herd or Red Top. Unhulled. 4 to 5 bu.			
per acre	.18	1.50	12.50
12 Hard Fescue. 30 lbs. per acre	.25	2.60	20.00
18 Italian Rye. 50 lbs. per acre	.12	1.75	8.00
22 Meadow Fescue. English Blue Grass	.15	2.50	11.00
12 Orchard. 40 lbs. per acre	.20	2.10	14.50
14 Red or Creeping Fescue	.25	3.25	20.00
14 Rhode Island Bent. 40 lbs. per acre	.40	4.55	30.00
Sweet Vernal (Perennial). (5 lbs. \$2.25)	.25	2.75	21.00
3 lbs. per acre with other grass	.50		40.00
Sweet Vernal (Annual). (5 lbs., 8oc.)			
3 lbs. per acre with other grass	.20		14.00
10 Tall Meadow Oat (French Rye Grass)	.22	2.00	17.50
45 Timothy Seed. ½ bu. per acre alone	.15		
15 Various Leaved Fescue	.30	4.00	25.00
14 Wood Meadow. 30 lbs. per acre	.40	4.75	32.00

RECLEANED CLOVERS (Prices Subject to Change)

Alfalfa or Lucerne. The most valuable forage crop on the American farm to-day. It is sown during May, August and September, although it can be sown at other times with a possible chance of doing well. Our Special Circular on Alfalfa is free for the asking. Sow not less than ½ bushel (30 lbs.) per acre, preferably with no other crop. Price per lb., 25c. Write for price on larger quantities, as it changes constantly.

Alsike or Swedish Clover (Trifolium Hybridum). It grows

from I to 2 feet high, is sown early in the spring or late summer and early autumn. It is as nutritious as red clover. Sow To to 15 lbs. per acre alone or 8 lbs. per acre with timothy. Price, 25c. lb. Price on larger quantity on application.

Bokhara Clover (Melilotus Alba). Extensively used as a bee food and for soiling (green manure). It grows from 3 to 5 feet high, according to soil and location. Sow 15 lbs. per acre in early spring alone, or 10 lbs. per acre with other crops. Price,

spring alone, of to los per decisions and agree of the spring alone, of to los per decisions. So, per lb., 10 lbs. \$2.50.

Crimson Clover (Trifolium Incarnatum). Delaware Grown Seed. This is used principally for soiling or green manuring, for which purposes it is highly valuable. Sow any time from April to October, the earlier the better, 20 lbs. to the acre.

Price, 15c. per lb. Larger quantity prices on application.
Red Clover, Medium (Trifolium pratense). Height from 18 inches to 2½ feet. Sow early in the spring or in late summer— July and August; if alone 20 lbs. per acre; if with other crops 10 lbs. per acre. Price, 25c. lb.; larger quantity, price on appli-

Mammoth Red Clover (Trifolium Pratense Perenne). This differs from the "Medium," being of a ranker growth. It ripens somewhat later and is more hardy, lasting several seasons longer than the medium red clover. Sow in early spring or in July and August, using 20 lbs. per acre. Price, 25c. per lb.; larger quantity, prices on application.

White Dutch or Lawn Clover (Trifolium Repens). For mixing

with lawn grass it helps establish a quick, permanent turf. Apply 10 to 12 lbs. per acre if sown alone or 5 lbs. if sown on old turf. Prices: 1/4 lb. 13c., 40c. lb., 5 lbs., \$1.80, \$3.50 for 10 lbs., bu. (60 lbs.) \$18.00, \$30.00 per 100 lbs.

MICHELL'S HIGH GRADE FARM SEEDS Prices subject to Market Changes

ALFALFA. Choice recleaned seed, sow not less than ½ bu. per acre in May, August or September. 25c. lb. Write for price on larger quantities, as it changes constantly.

BUCKWHEAT, Japanese. Sow from June 1st to July 15th, one bushel per acre, splendid for poultry food. Qt. 15c., 5oc. per peck, bushel (48 lbs.) \$1.50.

BUCKWHEAT, Silver Hull. Fine for poor ground. Qt. 15c., 50c. per peck, bushel (48 lbs.) \$1.50.

BARLEY, Beardless Spring. For either hay or grain. Sow broadcast, either 11/2 to 2 bushels per acre, from May 15th to

July. Peck 50c., \$1.50 bu.

Primus (Swedish). \$1.00 peck, bush. \$3.25.

BEANS, SOJA OR SOY. Drill 3/4 bushel per acre during May.

Hollybrook (Early). Ito Sans (Early). Wilson (Early).

Mammoth Yellow (Late). Soja Bean prices on application.

BROOM CORN, Evergreen. The tops are made into brooms.

Sow in May ten pounds per acre in drills. 60c. peck, bu. \$2.25. CLOVERS. See page 21.

COTTON SEED. Attractive and ornamental as a garden plant; grown in the South for a crop. Lb. 20c., 75c for 5 lbs.

FLAX. A very useful farm plant, which can be employed profitably in many directions. Sow a bushel to the acre from May 15th to June 15th. If desired for the fibre, sow 11/2 to 2 bushels per acre. Lb. 10c., \$1.15 per peck, bu. \$4.00.

CANADA FIELD PEAS.

Used principally for green food, or hay for stock and for plowing under to add nitrogen to the soil. Alone, sow 3 bushels per acre; with oats, use 11/2 bushel of peas and 11/2 bushel oats, broadcast. Peck 65c., \$2.50 bush.

COW PEAS. A very inexpensive but effective soil regenerator, and indispensable to the farmer. Sow from May 1st to July 1st, 2 bushels per acre, broadcast, or I bushel per acre in drills. It

can also be used as green food for grazing in the field, or cut and stored as hay. Florists will find this of value to plow under, as it is better than fertilizer for such plants as carnations, etc., to be set out in the field.

The right sort for fodder. Black Eye. Whippoorwill. Fine for plowing under.
Wonderful, or Unknown. Good for fodder.
New Era. For soil regenerating.

Prices vary. Contains will be not application.

Prices vary. Quotations will be made

SEED OATS

Swedish, or Washington. Sow from April till June, 3 bushels to the acre; good for straw or grain. Peck 40c., \$1.50 bu. Canadian Cluster. An enormous yielder. Peck 45c., \$1.50 bu. Storm King. One of the best, 5 ft. high. 60c. peck, bush. \$2.00. Ligowo II. Swedish, pedigreed. Peck 65c., \$2.50 bushel. Welcome. A very popular sort. 35c. peck, bushel \$1.20. Virginia Gray Winter, or Turf. Principally grown in the South. 40c. peck, bushel \$1.20.

KAFFIR CORN. Sow in June and July, 10 lbs. per acre in drills; grain used for feeding poultry, fodder for stock. 40c. peck., bushel \$1.50.

MILLET

A handy emergency crop for all farmers. Can be sown as late as July 15th. Used as green manure or green food for stock. Pearl (Pencillaria spicata). Sow 10 lbs. per acre. 12c. lb., 10

Tennessee, German or Golden. A heavy cropper, must be sown early. Sow I bushel, broadcast, to the acre.

Hungarian. Of dwarf but very quick growth. Sow I bushel per acre. Price for millets on application.

Japanese Barnyard. Enormously productive. Sow 12 lbs. per acre, broadcast. 10c. lb., 10 lbs. 80c., \$7.00 per 100 lbs. SPRING RYE. Good for both straw and grain; sow 1½ bushels

broadcast per acre. 50c. peck, bushel \$1.75.

WINTER RYE, Thousandfold. A splendid winter crop; sow 11/2 bushel per acre as late as November. 40c. peck, bu. \$1.35.

> DWARF ESSEX RAPE. A green food for sheep and hogs. Sow 6 lbs. per acre broadcast or in drills, from April till October. 10c. per 1b., 10 lbs. 90c., \$7.00 per 100 lbs.

SUGAR CANE or SOR= GHUM, Early Amber. Ideal cattle food either in green or cured state. Seed is used for poultry feed. Sow 25 lbs. per acre in drills. Peck 6oc., \$2.25 bushel.

SUNFLOWER, Mammoth Russian. Splendid food for poultry; sow 10 qts. per acre in drills. 55c. pk., bu. \$1.75.

SPELTZ or EMMER. Used for feeding hogs and poultry; sow 2 bushels per acre, broadcast, after April 1st. 50c. peck, bushel \$1.75.

TIMOTHY. See page 21.

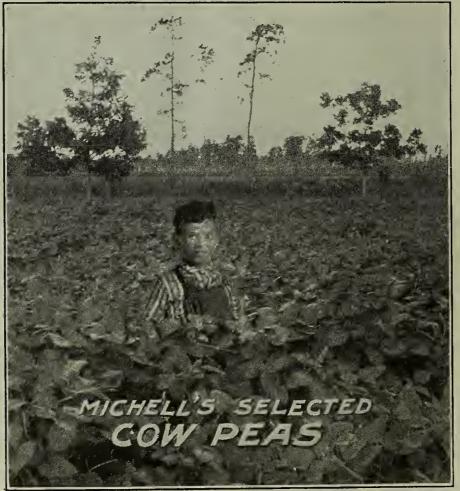
TEOSINTE (Reana Luxuri= ans). A forage used extensively on very poor ground. Sow in May and June, 5 to 6 lbs. per acre in drills. 75c. lb., 5 lbs. \$3.50.

VETCHES, Sand, Hairy or Winter (Vicia Villosa). A fine cover crop for winter and plowing under for green manure; sow I bushel per acre with winter rye in August or September. 15c. lb., bushel (60 lbs.). Price on application.

VETCHES, Spring (Vicia Sativa). Sow I bushel per acre, broadcast, in May or June. 10c. lb., 10 lbs. 75c., \$3.25 per bushel (60 lbs.), 100 lbs. \$5.00.

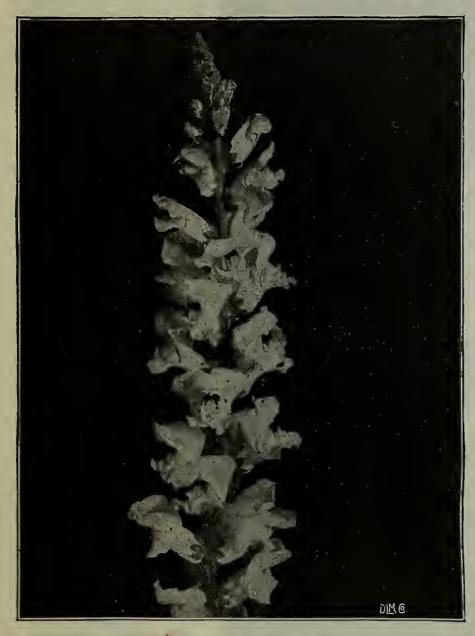
SPRING WHEAT, Saskatchewan Fife. Used principally where winter wheat has failed or for green food. Sow 11/2 to 2 bushels per acre, broadcast, in April or May. 60c. peck, \$2.25 bushel.

In ordering Farm Seeds always allow 22c. for every twobushel Seamless Bag used. These are returnable for credit or refund at the price charged.



SPECIALTIES in FLOWER SEEDS FOR 1914 **NOVELTIES** and

For General List of Flower Seeds, see pages 29 to 55



Michell's Giant Snapdragon

NEW GIANT SNAPDRAGON

(Antirrhinum)

Michell's Salmon Pink

A valuable addition to this popular florist's flower; the plants grow to a height of 2 to 3 feet and produce extra long spikes of flowers; color, a delicate salmon pink. Trade pkt. 30c., \$2.25

Giant Double White Antirrhinum (Snapdragon)

Flowers large and pure white; out of the mouth-like aperture between the upper and lower lips emerge abnormal petals, which give a double beard-like aspect to the blooms. Trade pkt. 30c., \$2.50 per oz.

Asparagus Hatcheri

A New Type of Asparagus Plumosus

Of dense and symmetrical growth; dainty fern-like fronds set close together along the stalks, making a full and heavy string; its large fronds and lasting qualities make it valuable for decorative use. As specimen pot plants or for quickly producing beautiful sprays its value is not easily over-estimated. Per 100 seeds \$1.00, \$2.00 per 250 seeds, 500 seeds \$3.25, \$6.00 per 1000 seeds.

We are headquarters for Asparagus Plumosus Nanus. See page 31.



Antirrhinum-Venus

NEW GIANT ANTIRRHINUM

(Snapdragon)

Venus

A new color in the Giant Flowering Snapdragons; a lovely shell pink on white ground, set off by a pure white throat. The long stalks are thickly studded with large flowers of the finest form. This splendid new sort will undoubtedly become one of the most valued. Trade pkt. 30c., \$1.75 per oz.

See page 30 for other varieties of Antirrhinums.



Asparagus Hatcheri

A PAGE OF VALUABLE ASTERS



New Astermum

New Astermum A Glorified Aster—A Splendid New Type

A new Aster originating in the State of Illinois; a mid-season variety. The plant grows straight up with strong sturdy stems, starting near the base and reaching from 18 to 24 inches, and owing to the symmetry of the plant they may be set more closely than other varieties. Each plant yields from **ten to fifteen blooms**, large and double, which last a long while after being cut. We offered this variety last season for the first time and have received numerous reports from our customers of the entire satisfaction which it gave.

White	.de pkt. \$0.50	. Oz. \$3.00
Pink		
Lavender		
Mixed		

Aster-Vick's Enchantress Pink

A new variety of vigorous, upright, branching habit, with a great profusion of long, strong stems; the beautiful, large double flowers have the delicate pink shade of the Pink Enchantress Carnation. The broad, flat petals give a pleasing soft effect. Per pkt. 20c., 35c. per 2 pkts., 6 pkts. \$1.00.

Aster— Vick's White King

This new variety will attract the attention of every one who is acquainted with the Violet King. The flowers are large, full centered, and pure white; of the same type as Violet King; plants of branching habit; stems long, 16 to 20 inches; a profuse bloomer. Per pkt. 20c., 35c. per 2 pkts., 6 pkts. \$1.00.

Aster-New Crego

One of the finest varieties of Asters, and has rapidly come into popular favor. The flowers are gigantic in size, often 5 inches across, with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge, flat Chrysanthemum. Trade

		Oz.
White	.\$0.40	\$1.75
Shell Pink	40	1.75
Rose Pink		1.75
Purple		1.75
Mixed		T 75

Aster— Peerless Pink

A valuable variety of the late-branching type, although coming into bloom a little earlier; bears a profusion of large, double flowers, of a rich, shell pink color, very similar in shade to the Mary Semple variety. Trade pkt. 50c., \$2.50 per oz.

Aster-Lady Roosevelt

One of the finest recent introductions; flowers of marvelous beauty resemble incurved Chrysanthemums; color, a gorgeous pink; stems 30 to 36 inches long; season late. Per trade pkt. 50c., \$4.00 per oz.

Aster—Pink Beauty

An excellent variety of the Chrysanthemum-flowered type; of strong, upright growth, and producing an abundance of immense, double flowers; inner petals incurved, outer reflexed; color, a soft, delicate blush pink. Trade pkt. 40c., \$2.50 per oz.

GALLITZIN, PA., June 13, 1913.

Henry F. Michell Co.:

DEAR SIRS:—Dr. S——, of Chester Springs, our county, grew the finest Asters we saw last season, and says he got the seed from you: please send us at once by mail a nice assortment of the finest kinds. Yours truly,

W. H. W.



Celosia-Pride of Castle Gould

OSTRICH PLUMED CELOSIA Pride of Castle Gould

A distinct type of Celosia Plumosa and of great value, both as a pot plant and for bedding. Plants are of pyramidal growth, about 2 to 3 feet high; immense flower heads, closely resembling ostrich plumes; colors are blood red, carmine, yellow, orange, golden, orange scarlet, etc., in mixture. Per trade pkt., 30c.

THE CARDINAL CLIMBER (Ipomoea Quamoclit Hybrida)

A distinct and valuable novelty; the result of a cross between Ipomoea Quamoclit or Cypress Vine and Ipomoea Coccinea. A very rapid grower and free bloomer; leaves dark green and deeply laciniated; bears a great profusion of fiery, cardinal red flowers which are about 1½ inches in diameter. Per pkt., 15c.; 40c. per 2 pkts.

NEW GIANT FLOWERED CENTAUREAS

New varieties highly recommended for florists' use; excellent for cutting. The flowers are produced on long, stout stems, and last for a long time after being cut.

The Br	ide. Pure	white	80.30
The Br	idegroom.	Purplish mauve	.30
Honeyn	noon. Gold	den yellow	.30

NEW GIANT COSMOS—WHITE LADY

A selection from the Lady Lenox variety; flowers of immense size; **pure white**; petals broad and overlap each other. Per trade pkt. 30c., \$1.00 per oz.

CYCLAMEN-"MRS. BUCKSTON"

A new variety with beautifully frilled and waved flowers, which are of large size, often measuring 21/2 to 3 inches across, and are produced in great abundance; color, delicate salmon. Per original pkt., 75c.



Dimorphotheca Aurantiaca Hybrida Fl. pleno

NEW DOUBLE AFRICAN DAISY (Dimorphotheca Aurantiaca Hybrida Fl. pleno)

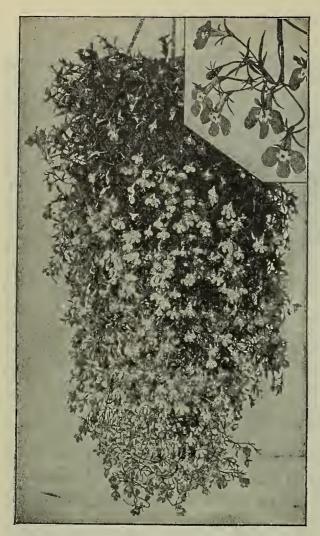
A new addition to this popular flower recently introduced; produces an abundance of double and semi-double flowers in many rich and varied shades, ranging from white to light and dark yellow, and from salmon rose to orange. Per pkt., 20c.; 55c. per 3 pkts.



New Giant Hibiscus

NEW GIANT HIBISCUS Mallow Marvels

One of the most attractive perennials, flowering the second season from seed; grows to the height of 5 feet, bearing gigantic single flowers, 7 inches in diameter in many shades of red, pink, purple and white. The flowers resemble an open bell, face forward, and show their attractive yellow piston in the centre; blooms from July until frost. Per trade pkt., 30c.; 75c.



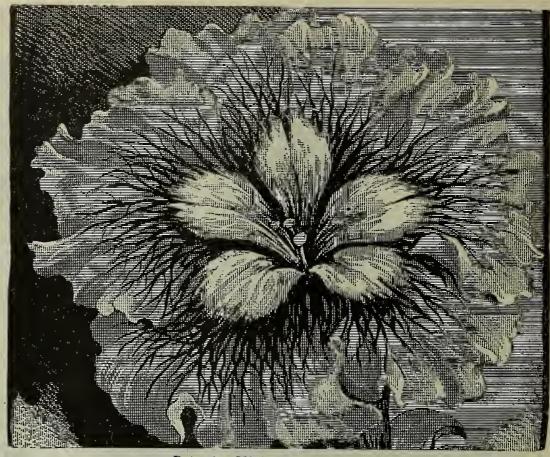
Lobelia Hybrida-Sapphire

LOBELIA HYBRIDA "Sapphire"

This new trailing variety is of remarkably strong growth; the flowers are unusually large for a Lobelia, measuring three=quarter inch across, and are thickly set on the long, graceful sprays of foliage; color of flowers intense deep blue with large and clearly defined white eye. A well-grown plant covered with these lovely blue oculate flowers makes a splendid sight.



Petunia Hybrida-Undine



Petunia-Michell's Monstrosus

NEW LARGE FLOWERING PETUNIA Michell's Monstrosus

A great acquisition to the list of Large Flowering Petunias, surpassing the well-known Giants of California. The flowers are extremely large, quite a number of which are elegantly fringed; the colorings, markings, veinings, blotches, etc., are superb; many of them having deep throats of various shades. shades.

Per ½ trade pkt. 60c.; \$1.00 per trade pkt.

GIANT EVENING PRIMROSE 🛾 Oenothera "America"

Flowers extra large; snow white when opening in the evening, changing in the morning to a delicate pink.

Per trade pkt., 40c.

PENTSTEMON Large Flowering White

(Pentstemon Hartwegi Albus)

The plants of this fine new variety attain a height of about 21/2 feet; they branch freely from the base, develop a brilliant green foliage and throw up numerous flower spikes, all thickly studded with large open-throated gloxinia-like blooms one to one and one-half inches across; the buds at first are of a creamy color, but change to a clear white when opening. It blooms early and continues for a long time. Per pkt. 20c.; 55c. per 3 pkts.

NEW BLUE PETUNIA "Undine"

A new light blue Petunia of incomparable beauty and luxuriance, and therefore very valuable as a pot plant, as well as for garden beds; also excellent for window boxes, etc. The surpassing charm of this variety lies in the particular azure color which merges into the lilac margin.

Per pkt. 20c.; 55c. per 3 pkts.



Pentstemon Hartwegi Albus

MICHELL'S "DISTINCTIVE" FLOWER SEEDS 27



Petunia—Dwarf Large Flowering Fringed

DWARF LARGE FLOWERING FRINGED PETUNIA

The demand for really good dwarf, compact-growing Petunias has been met after years of careful selection in this excellent dwarf strain, with large fringed flowers. The plants grow 8 inches high, and while branching freely from the base, they remain quite compact. The individual plants make handsome small bushes, on which the numerous flowers, borne well above the foliage, appear in all the colors common to Petunias. Per pkt., 25c.; 65c. per 3 pkts.

SCHIZANTHUS, GRANDIFLORUS MAXIMUS

Plants grow about 20 inches high, and produce an abundance of flowers of good substance, measuring from one to one and a half inches across, and show an **endless** variety of colors. The foliage is bright green, fern-like and very handsome. Per pkt., 15c.; 40c. per 3 pkts.



Schizanthus-Bridal Veil

SCHIZANTHUS—BRIDAL VEIL (Wisetonensis Albus)

A new variety selected from the hybrids of Schizanthus Wisetonensis. Plants grow about 16 inches high, are compactly formed and literally covered with glistening snowy white blossoms, which present a striking contrast with the bright green of the finely laciniated foliage. Excellent as a pot plant. Per pkt., 25c.; 65c. per 3 pkts.

PRIMULA OBCONICA GRANDIFLORA "Crispa"

An entirely new form of this splendid plant, the edges of each flower being fringed and creased; fully developed flower clusters have, therefore, a double appearance, and an elegance which cannot readily be duplicated; the flowers are of extra large size; color, from delicate apple blossom pink to deep pink. Per pkt., 20c.; 55c. per 3 pkts.



Primula-Malacoides Alba

PRIMULA "MALACOIDES"

This new and pretty variety introduced from China two years ago has proved to be one of the freest-flowering species for pots and is, in consequence, already widely cultivated. The seedlings bloom in four to five months after sowing; resembles Primula Forbesi but its growth is much more sturdy, and the flowers which are borne in whorls on long stems are much larger; color, a pretty light lilac. Per trade pkt., 50c.

PRIMULA—MALACOIDES ALBA

This new variety produces **pure white flowers**; it is equally as handsome as the lilac type form described above, and will, no doubt, soon achieve a similar share of popular favor. Per pkt., 20c.; 55c. per 3 pkts.

NEW SALVIA (Scarlet Sage) Michell's "Scarlet Glow"

A new variety of great merit; an improvement on the well-known and popular Zurich; larger flowers and more free blooming than any other variety; plants of dwarf habit, branch freely, and are covered with **flowers** of the most **brilliant fiery scarlet**; blooms very early and continues until frost. Per trade pkt., 50c.; \$1.00 per ½ oz.; per oz., \$3.50.

New Spencer or Orchid Flowered Sweet Peas

King White A "perfect" white Spencer Sweet Pea, and superior in form, size, and substance to all others of this color; flowers are of good substance, standards of immense size, bold expanded form and exequisitely waved. An extremely vigorous grower; very floriferous, and gives a large proportion of four-flowered sprays. It received an Award of Merit from the National Sweet Pea Society of England, July, 1912; also Certificate of Merit at the Sweet Pea Show in Philadelphia, June 26, 1913.

The most charming color or, rather, combination of colors, yet seen in Sweet Peas, and very difficult to describe. The blooms which are carried on

to describe. The blooms, which are carried on long, stout stems, have a ground color of a warm salmon orange overlaid with rich bright cerise pink. The flowers are of great substance; standard bold, expanded and attractively waved.

Original pkts. (12 seeds).\$0.12 Original pkts. (25 seeds).\$0.20

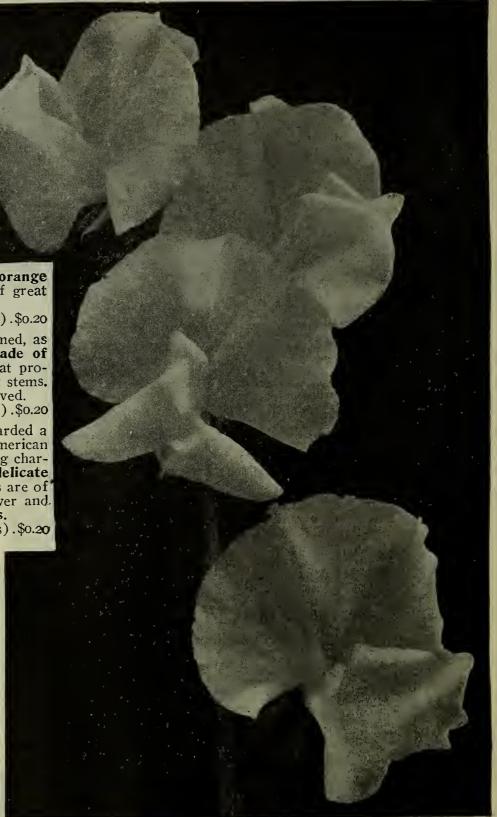
Wedgwood This new variety is appropriately named, as its color throughout is a unique shade of Wedgwood blue. The flowers, which are produced in great profusion, are borne mostly in "fours," well placed on long, stout stems. Of finest Spencer form; the standard and wings are well waved. Original pkts. (12 seeds) .\$0.12 Original pkts. (25 seeds) .\$0.20

Empress Eugenie This beautiful novelty was awarded a Certificate of Merit by the American Sweet Pea Society, June 29, 1911, but owing to its shy seeding character was not introduced until this season. The color is a delicate tone of light gray, flaked with light lavender. The flowers are of large size, beautifully waved and crimped. A vigorous grower and free bloomer with a large proportion of four-flowered sprays.

Original pkts. (15 seeds).\$0.12 Original pkts. (30 seeds).\$0.20



Verbena Hybrida Compacta, Dornroschen



An Average Spray of KING WHITE—Reproduced from a Photograph

Verbena Hybrida Compacta "Dornröschen"

A new variety of dwarf compact growth, especially valuable for planting for low groups or for borders. Bears a great profusion of large flowers; color, white with a soft carmine rose edge, giving to the plant a particularly nice aspect. Per pkt. 20c.; 55c. per 3 pkts.

Verbena—"Helen Willmott"

After many years of constant selection, seed of this Verbena has at 'ast been saved in sufficient quantity to be offered for sale A large percentage of the flowers are of the true "Helen Willmott" color, a pretty bright salmon rose, with white eye. Per pkt. 20c.; 55c. per 3 pkts.

MICHELL'S DISTINCTIVE FRESH TESTED TO OWER SEEDS

"Distinctive" Strains of Flower Seeds for the florist is one of the most important branches of our business; we constantly aim to secure for the florist only the most improved strains such as must give perfect satisfaction. Our wonderfully increased trade is our best proof for this claim.

For full description see our Retail Catalogue, a copy of which will be mailed free upon application.

Note.—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1/3 per cent. from our retail catalogue prices.

Abutilon (Flowering Maple)

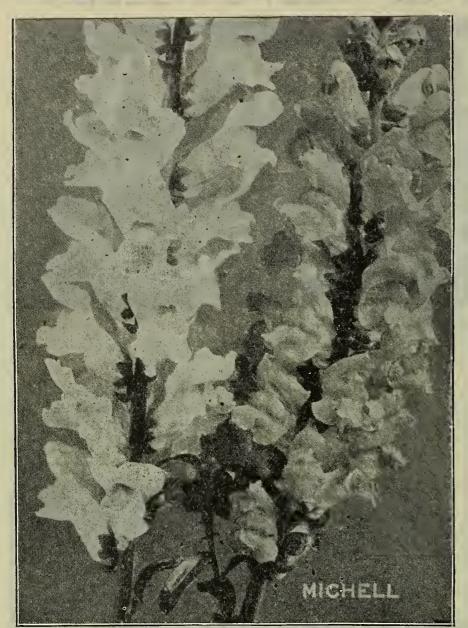
Used extensively for ornamental bedding. Trade 15 Choicest Mixed	Pkt.	Oz. \$2.00
Achillea		
Perennial, flowering continuously all summer. 20 Ptarmica, fl. pl. "The Pearl." Double White	.25	3.00
Aconitum (Monk's Hood)		
Tall growing bushy perennial, flowering in July. 25 Napellus, Blue White	.20 30	.60 1.50
Acroclinium (Everlasting)		
33 Single Mixed	.10	.20 .20
Adlumia (Allegheny Vine)		
A perennial vine with fern-like foliage.		
37 Cirrhosa. Pink flowers	.20	
Adonis		
42 Vernalis (Ox Eye). Hardy perennial; yellow	.10	.50
Ageratum (Floss Flower)		
Used for bedding and grown extensively by florists		
in pots for spring sales. 50 Blue Perfection. The most popular sort of all.		0
Dark blue, height 12 ins., compact showy plant	.15	.50
61 Little Blue Star. Dainty little plant; very dwarf. 54 Imperial Dwarf Blue. Height, 8 inches	.40	20
56 " White. Height, 8 inches	.10	.30
58 " Mixed. Height, 8 inches	.10	.25
52 Cope's Pet. Blue; compact dwarf plant	.15 .15	.40 .50
60 Grandiflorum Album. Tall, pure white	.10	.50
Agrostemma (Mullein Pink)		
66 Coronaria. Hardy perennial, with glaucus foliage, and deep crimson flowers	.Io	.20
Alyssum		
71 Little Gem. Our strain of this popular sort is quite distinct, very dwarf, compact and abso-		
lutely true from seed	.10	.40
74 Little Little Little Compact than Little		

73 Sweet (Alyssum Benthami). The well-known For the convenience of our customers and to facilitate the filling of orders, we have affixed numbers to all varieties of Flower Seeds, and in ordering it is only necessary to give quantity wanted and the number.



Alyssum-Little Gem

Amaranthus	
Fine ornamental foliage plants. Trade P	kt. Oz.
80 Caudatus (Love-Lies-Bleeding). Blood red leaves. \$0.1	0 \$0.15
86 Sunrise. Brilliant carmine	25 .75
88 Tricolor Splendens (Joseph's Coat). Various col-	
ored leaves	.50
oo Mixed	71. 01



Giant Snapdragon (Antirrhinum)

Antirrhinum (Snapdragon) Michell's Giant Strain

This "distinctive" strain is grown by many leading florists as a profitable cut flower during winter; spikes 2 to 3 feet tall with fully one-third a compact mass of giant flowers; colors clear and delicate.

127 Michell's Giant Salmon Pink. A valuable Trade	
addition to this popular flower; extra long Pkt.	Oz.
spikes of flowers of a delicate salmon pink color.\$0.30	\$2.25
109 Silver Pink (New). An extra fine variety;	
long spikes and a very profuse bloomer. Origi-	
nal pkts., \$1.00; \$2.50 per 3 pkts.	
II3 Giant Pink	.60
114 " Scarlet	.60
121 " Striped	.60
115 " White	.60
116 "Yellow	.60
117 " Mixed	.50
125 " Double White (New). Flowers large	.34
and double; color, pure white30	2.50
126 "Venus (New) Large flowers; color,	2.50
shell pink on white ground, with pure	
white throat	
winte tinoat	
Antirrhinum, Various Sorts	
122 Tall Mixed. Regular strain; 2 feet	.25
III Semi-Dwarf Daphne. Pink, 18 inches20	.60
Defiance. Fiery scarlet	.75
" Golden Queen. Yellow	.50
120 "Queen of the North. White 15	.50
118 " Mixed	.50
112 Tom Thumb Mixed. 12 inches	.60

Ampelopsis	Trade Pkt. Oz.		
100 Veitchi (Japanese Ivy). (Per 1b., \$1.50)	\$0.10 \$0.15		
Anchusa			
ing plant, 4 feet; light blue flowers	anch- 30 1.25		
Anemone (Windflower)			
Hardy perennial; excellent for cutting. 105 Coronaria Mixed. The French Anemone 107 St. Brigid. The Irish Anemone	15 .50		
Anthemis (Hardy Marguerite)			
108 Tinctoria Kelwayi. Daisy-like bright yo flowers; perennial	ellow10 .30		



Aquilegia—Long Spurred

Aquilegia (Columbine) These early flowering perennials are a valuable cut flower and

the demand for same is constantly on the increase.

Trade Pkt. Oz. .25 .20 Arabis (Rock Cress) 144 Alpina. Perennial; dwarf edging plant; flowers

Arctotis (African Daisy)

.40

150 Grandis. Splendid annual for cutting; bluish

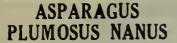
Artemesia

ARUNDO. See Grasses, page 40

152 **Saccorum Viridis** (Summer Fir). A new annual foliage plant. Per pkt. 15c.

MICHELLS FLOWER SEEDS 518 PHI





We are Headquarters for the true Northern Greenhouse Grown Strain.

Our seeds are absolutely fresh and of high germination; our greatly increased sales each season proves beyond a doubt the superiority of our stock.

160 Greenhouse Grown Seed 100 seeds...\$0.50 | 5,000 seeds...\$15.00 1,000 seeds... 3.25 10,000 seeds... 29.00

25,000 seeds.....\$70.00 161 Lathhouse Grown Seed 100 seeds....\$0.35 5,000 seeds...\$12.00 1,000 seeds.... 2.50 10,000 seeds... 23.00 25,000 seeds.....\$50.00

158 ASPARAGUS HATCHERII

New Type of Plumosus

100 seeds....\$1.00 500 seeds....\$3.25

250 seeds.... 2.00 1,000 seeds.... 6.00

162 ASPARAGUS SPRENGERI

		\$0.15
000, I	seeds	
5,000	seeds	3.00
10,000		5.50
25,000	seeds	,

ASPERULA

165 Odorata (Sweet Woodruff). Suitable for hardy borders; very dwarf; white. Trade pkt. 15c., оz. бос.

Dear Sirs



Asparagus Plumosus Nanus

Erie, Pa. Out of the 5,000 Asparagus Plumosus Nanus Seeds received from you we have just potted up 4,738 plants and there are

BINGHAMTON, N. Y. Dear Sirs: Out of 5,000 Asparagus Plumosus Nanus Seeds received from you we potted up 5,020 plants. We win in a walk. Respectfully,



Crego Aster

MICHELL'S "DISTINCTIVE" ASTERS

We wish to emphasize the fact that our Asters are grown for us by specialists, and in many cases under our own super-

Michell's "Distinctive" Quality is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence to produce the very best results.

ASTER NEW CREGO

One of the finest varieties of Asters and has rapidly come into popular favor. Flowers are gigantic in size, often 5 inches across and with long, stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge, flat Chrysanthemum.

Trade Pkt. Oz.

199 White.....\$0.40 \$1.75 201 Purple ...\$0.40 \$1.75 202 Rose Pink....40 1.75

ASTER, EARLY WONDER

The earliest variety in cultivation, coming into bloom several days before "Queen of the Market." Flowers are large, very double, similar to "Comet" type and are carried erect on long

Trade Pkt. Oz. Trade Pkt. Oz. 228 White.....\$0.40 \$2.00 227 Pink......\$0.40 \$2.00 ASTER, QUEEN OF THE MARKET

(Extra Early) The standard-bearer of the early flowering sorts Our strain has been re-selected for its earliness and will prove of ex-

mas been to selected for its carminess and			
ceptional quality.	Trac	le Pkt.	Oz.
279 White	 	\$0.20	\$0.75
277 Blush Pink	 	.20	.75
274 Rose Pink	 	.20	.75
276 Light Blue	 	.20	.75
275 Dark Blue	 	.20	.75
278 Crimson	 	.20	.75
280 Choice Mixed	 	.20	.65



Aster-Michell's Improved Semple's Branching

Michell's Improved Semple's **Branching Aster**

What we offer is an Improved Strain of this grand Aster, secured after many years of careful selection of our stock seed, and should not be compared to what is usually offered as the Semple's Branching.

	rade Pkt.	Uz.
257 Lavender		\$1.00
259 Shell Pink	30	1.00
262 White	30	1.00
258 Rose Pink	30	1.00
260 Purple	30	1.00
261 Crimson	30	1.00
263 Choice Mixed	30	1.00

Astermum

A Glorified Aster-A Splendid New Type

The plants grow straight up with long, sturdy stems from 18 to 24 inches in length. For illustration and further description see Novelties, page 23.

	Trade Pkt.	Oz.
172 White	\$0.50	\$3.00
171 Pink		
170 Lavender		
173 Mixed		3.00

FIRST PRIZE FOR MICHELL'S ASTERS

MR. HENRY F. MICHELL,

Dear Sir: - Last Spring I purchased some Aster seed from you, which were the best I ever saw; the flowers were large and plenty of them. We were asked to send some of them to the Bucks County Fair. They were arranged in a large bouquet and were awarded First Prize for the best display of Asters. Every flower in the bunch was raised from Michell's seed; they are good enough for me.

Respectfully yours,

W. John Barkel.

Aster, Truffaut's Prize

(Paeony Flowered)

Flowers are of incurved form, fairly large and are carried erect on straight stems. Fine for cutting or

•	,	Trade Pkt. Oz.
	White	
302	Pink	
301	Light Blue	
303	Purple Violet	
300	Crimson	
305	Choice Mixed	

Aster, Giant Comet

Long narrow petals which curve at the ends give this flower the appearance of a Japanese Chrysanthemum. Plants branch freely and produce their flowers

	Trade Pkt	. Oz.
194 White		\$1.75
192 Peach Blossom	30	1.75
193 Pink and White	30	1.75
190 Light Blue	30	1.75
189 Dark Blue	30	1.75
191 Crimson	30	1.75
195 Choice Mixed	30	1.50

Aster, Victoria Prize

A flat, solid, deep flower produced in masses on a compact, fairly dwarf plant. Good for pots.

	Trade Pkt	
324 White		
321 Pink	30	2.25
320 Light Blue	30	2.25
322 Purple	30	2.25
323 Scarlet	30	2.25
325 Choice Mixed	30	2.00



Aster-Invincible

Aster, Invincible

A splendid Aster to fill in between the early sorts and the late ones. It is, so to say, a mid-summer Aster. Flowers are very large, perfectly double and come on long, stout stems often two feet in length. Plants are of branching habit; one of the best florists' Asters.

	Trade Pkt.	Oz.	•	Trade Pkt.	Oz.
235 Blue	\$0.30	\$1.50	238 Rose Pink.	\$0.30	\$1.50
236 Crimson	30	1.50	239 White	30	1.50
237 Lavender	30	1.50	230A Mixed	30	1.25



Aster-Violet King

King Asters

Habit of growth similar to the Branching Aster; in form the flower is distinct; petals resemble the quilled varieties, but are larger and broader, those in the centre being curled and incurved. 317 Vick's White King (New). The flowers are large, full centred and pure white and of the same type as Violet King; plants of upright habit; stems long. Per pkt. 20c., 35c. per 2 pkts.

Trade Pkt. Oz.

282 Rose King. Plants of branching habit, with
stems frequently 2 feet in length; flowers large,
double, and of a deep rose color.......\$0.40 \$1.50

Asters of the Daybreak Type

The Daybreak class forms strong plants of symmetrical growth; flowers large, perfectly double and carried on long erect stems.

Trade Pkt. Oz. 270 Michell's Purity (White Daybreak) Om

of this variety is a re-selection and a great im-		
provement; color, pure glistening white\$ 205 Pink Daybreak. Large, double and of a delicate	0.30	\$2.50
pink	.30	2.00
ful shade of lavender	.40	2.25
253 Lemon Drop (Yellow Daybreak). Flowers perfect in form and of a decided yellow color 284 Salmon King (Salmon Daybreak). A splendid	.40	2.50
addition to the Daybreak class; the color is novel, and of a pleasing shade	.40	2.50
Asters—Various Sorts		
266 Peerless Pink. A valuable variety of the late branching type, although coming into bloom a little earlier; bears a profusion of large, double flowers of a rich shell pink color, very similar in		
shade to the Mary Semple variety	.50	2.50
about 18 inches high, long wiry stems; flowers large; petals long, thread-like and quilled; color, snowy white	.40	2.00

and double; color, a delicate shade of pink.

Per pkt. 20c., 35c. per 2 pkts.

251 Lady Roosevelt. One of the finest recent introductions; flowers resemble incurving Chrysanthemums, the color a gorgeous pink, of marvelous beauty; stems 40 inches long are nothing unusual, 30 inches long are common; season late .50

Asters—Various Sorts—Continued

252 Lavender Gem. An excellent variety of "Comet"	Trade.	
form, with large perfectly double flowers, color	Pkt.	Oz.
lavender\$	0.40	\$2.50
268 Pink Beauty. Of the Chrysanthemum Flowered		
type; immense flowers; color, blush pink	.40	2.50
180 China or German Mixed. This mixture contains		
many sorts and colors	.15	.40
308 Vick's Mikado Pink. Of Comet form, flowers		·
larger and more perfectly double, averaging 5		
inches in diameter; exquisite shade of shell		
pink	.40	2.00
PERENNIAL ASTER (Michaelmas Dais	y)	
328 Mixed. All colors	.25	1.00
320 11210 201010111111111111111111111111	3	
Auricula (Primula Auricula)		
tro Chaige Mixed Hardy perennial with flowers of		
410 Choice Mixed. Hardy perennial with flowers of many beautiful colors	40	4.00
many beautiful colors	.40	4.00
Avena (See Grasses, Page 40)		

HAMMONTON, N. J.

Gentlemen:-

2.00

4.00

The Asters we are sending you are grown from your seeds, Yours truly, and we think they are extra fine.



Balsam-White Perfection

	Balsam (Lady Slipper) Trade Pl	t. Oz.
425 426	Camellia Flowered Pink	\$0.60
427 429 431	salmon pink .25 "Scarlet .20 "White Perfection .25 "Choice Mixed .15 Fine Mixed .10	1.00 .60 1.00 .40
45~		.50
	Balsam Apple	
440	Momordica Balsamina	.15
	Baptisia (Faise Indigo)	
442	Australis. Tall, showy plants with deep blue flowers; perennial	.60
	Bartonia	
443	Aurea. Dwarf edging plant; yellow flowers10	.25
	Beans (Flowering and Running)	
415	Butterfly. Pink and white on same flower. (1/4 lb. 25c.) Scarlet Runner. (Pint 15c., 3oc. per qt.) White Runner. (Pint 15c., 3oc. per qt.)	.10



RELIABLE



Begonia, Vernon

BEGONIAS

As a bedding plant there is nothing more satisfactory and esult-giving. Seeds sown in January make splendid flowering result-giving. plants in May. Trade Pkt. Oz. 471 Semperflorens Vernon. The most popular of all; orange crimson flowers...\$0.25 \$2.50 Anna Regina. Deep rose50 455 Erfordia. Soft delicate pink... .30 459 Queen of Carpet Bedders. 463 473 467 **BEGONIA GRACILIS**

This type produces very compact little plants that are literally covered with flowers; an easy seller.

460	Gracilis	Prima Donna. Rose, shading to carmine. \$0.	.50
458	44	Rosea. Pink	.30
457		Luminosa. Fiery dark scarlet	40
456	46	Alba. Pure white	30

BEGONIA REX HYBRIDS

464 Ornamental leaves, in self-color and variegation.. .50

BEGONIAS, TUBEROUS ROOTED

These are easily raised from seed; produce enormous flowers and grow best in partial shade. Trade Pkt. Oz. 469 Single Mixed\$0.50

461 International Prize. Single; enormous flowers; extra fine. Original pkt. 17c.

470 Double Mixed. Original pkt. 17c.

BOLTONIA (False Chamomile)

481 Latisquama. Perennial; aster-like flowers; pink-1.00 BRACHYCOME (Swan River Daisy) 485 Iberidifolia. Compact growing annual; small

blue flowers ... BRIZA (See Grasses) page 40.

.50

BROMUS (See Grasses) page 40.

BROWALLIA

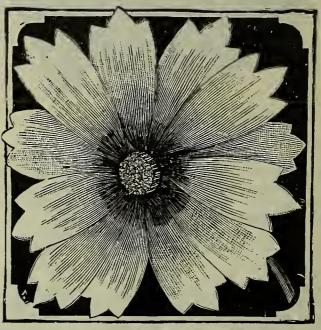
Was Eleks Country Div		
500 Elata Coerulea. Blue	.15	.50
502 Speciosa Major. Most desirable variety as a pot		
plant: large flowers rich blue	25	

CALCEOLARIA

A most decorative pot plant, which finds ready sale if well

grown. The strains we offer are the best in the world. 1/2 Trade Trade 515 Hybrida Grandiflora, Choice Mixed\$0.60 516 " Compacta. Dwarf, mixed .60 \$1.00 1.00 517 James' Superb Strain. Superfine, mixed
519 Sutton's Perfection. In original packages, 75c. 1.00 518 Rugosa Mixed. A small flowering sort used for bedding out CALENDULA (Pot Marigold)

.15 528 Prince of Orange. Dark orange striped...... .10 .15 .15 .15



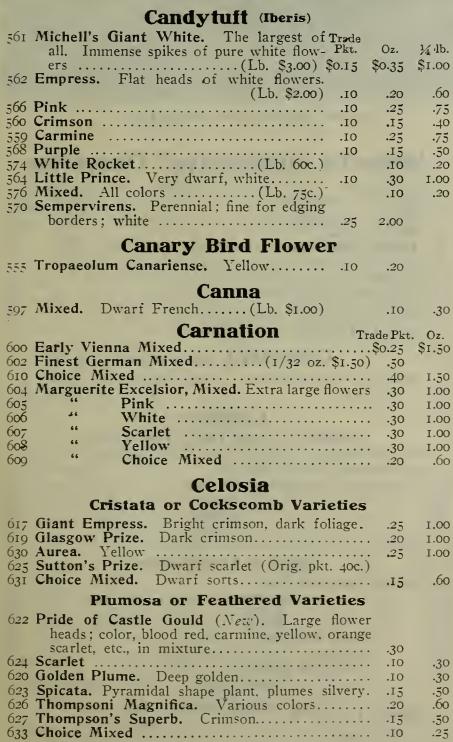
Calliopsis-Golden Wave

CALLIOPSIS (Coreopsis)

	ANNUAL VARIETIES T	rade Pkt	Oz.
535 Golden Way	e (Drummondi). Large golde	en	
vellow		\$0.10	\$0.15
536 Nigra Specios	a. Rich crimson maroon	10	.15
537 Choice Mixed		,10	.15
	PERENNIAL VARIETIES		
	for cutting during the whole su	mmer.	
EAO Lanceolata G	randiflora. Large golden yellow	10	.30
E41 California Su	inbeams. Large flowers, yello	w	.5-
	Burge newers, years		.50
			.5-
CAMPA	ANULA (Bellflower) (Pereni	ial)	
The taller sorts	are splendid for cut flowers and	most de	ecora-
tive; as a border of	plant they are indispensable. T	rade Pkt.	Oz.
538 Carpatica Blu	e. Dwarf, 6 inches	\$0.10	\$0.50
539 " Wh	ite. Dwarf, 6 inches	10	.50
	randiflora, Blue. Grows 3 to 4:		
	roduces large bell-shaped flowe		
along the w	nole stem	25	2.00
548 Persicifolia G	randiflora, White	25	2.00
549 Pyramidalis	(Chimney Bell). 6 feet. Blue at	ıd	
			.60
	A MEDIA (Canterbury Bell) (Bi	ennial)	
J40			.40
			.40
555			.40
			.30
	L		.75
CAMPANUI	A CALYCANTHEMA (Cup and	Saucer)
	White		2.00
588 "	Pink		2,00
586 "	Blue	_	2.00
E46 "	Mixed	20	1.50



Candytuft-Michell's Giant





Centaurea Imperialis-New Giant Cornflower

Centaurea

	Centaurea Cyanus (Cornflower) Tra	de Pki	. Oz.
644	Emperor William. Deep blue(1/4 lb. 50c.) \$ Double Blue. Splendid for forcing	0.10	\$0.15 .60
	Pink White	.10	.15
	Choice Mixed	10	.15 .15
	Double Mixed	.10	.25
	Centaurea Imperialis (Giant Cornflower	•)	
	Deep Rose	.15	.60
646	Lavender	.15	.60
6.0	Lilac	.15	.60
640	Brilliant Pink	.15 .15	.60 .60
650	White	.15	.60
	Choice Mixed	.10	.40
	New Giant Flowered Centaureas		
٦	lagnificent flowers of brilliant colors; excellent for	011++	in or
			ing.
6=2	The Bride. Pure white The Bridegroom. Purplish mauve	.30	
659	Honeymoon. Golden yellow	.30	
- 00			
	White Leaved Centaureas (Dusty Mille	r)	
635	Candidissima. Broad cut silvery gray foliage.		
636	(1000 seeds, 30c.)		1.25
636	Gymnocarpa. Silvery fine cut leaves, bedding		
636	Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.)		1.25 .40
	Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas		
	Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas	.15	.40 .50
	Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas	.20	.40 .50 .60
634 654 656	Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas Americana. Lilac purple	_	.40 .50
634 654 656	Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas Americana. Lilac purple	.20	.40 .50 .60
634 654 656	Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas Americana. Lilac purple	.20	.40 .50 .60
634 654 656 658	(1000 seeds, 30c.) Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas Americana. Lilac purple	.20	.40 .50 .60 .25
634 654 656 658	(1000 seeds, 30c.) Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas Americana. Lilac purple	.20	.40 .50 .60 .25
634 654 656 658	(1000 seeds, 30c.) Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas Americana. Lilac purple	.20	.40 .50 .60 .25
634 654 656 658	(1000 seeds, 30c.) Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas Americana. Lilac purple	.20	.40 .50 .60 .25
634 654 656 658 655 657	(1000 seeds, 30c.) Gymnocarpa. Silvery fine cut leaves, bedding plant(1000 seeds, 15c.) Various Centaureas Americana. Lilac purple	.20 .10	.40 .50 .60 .25
634 654 656 658 655 657	Gymnocarpa. Silvery fine cut leaves, bedding plant	.20 .10	.40 .50 .60 .25
634 654 656 658 655 657	Gymnocarpa. Silvery fine cut leaves, bedding plant	.20 .10	.40 .50 .60 .25
634 654 656 658 655 657	Gymnocarpa. Silvery fine cut leaves, bedding plant	.20 .10	.40 .50 .60 .25

Chrysanthemum			
. Annual Varieties Trad	e Pkt.	Oz.	
669 Helios. Large golden yellow\$			
680 White Star. Fern-like foliage, flowers			
white	.15	.50	
670 Inodorum Snowball. Large double		~ ~	
white	.15	.50	
681 Single Mixed	.10	.15	
683 Double Mixed	.10	.15	
Perennial Varieties			
666 Comtesse de Chambord. Yellow Paris			
Daisy White Paris	.15	.50	
667 Frutescens Grandiflorum. White Paris		70	
Daisy	.15 .50	.50 2.00	
673 King Edward VII. Extra large; pure	.50	2.00	
white	.20	·75	
675 Princess Henry. Large flowered white	.20	.60	
685 Japanese Hybrids. Large flowered,	- 0	4.00	
mixed	.50	4.00	
Clarkia			
708 Single Mixed	.10	.30	
709 Double Mixed	.IO	-35	
Clematis			
710 Flammula. Feathery white flowers	.10	.25	
712 Jackman's Large Flowering. Mixed	.30	1.75	
714 Paniculata. White star-shaped flowers.	.15	.50	
Cleome (Giant Spider Plant)			
720 Pungens. Rose-colored flowers	.15	.50	
/20 I dilgono. Leose colored nowers	3	-50	

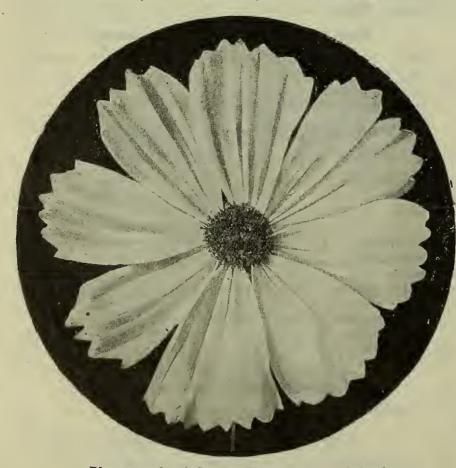
Cobea Scandens (Cup and Saucer Vine)

A graceful vine of which millions are sold annually by florists as pot plants. Seeds should be placed edgewise to insure good germination. Trade Pkt. Oz. 725 Purple \$0.10 \$0.40 726 White \$25 .75

COIX LACHRYMAE. See Grasses, page 40

Coleus

735 Large Leaved. Choicest mixed...... .50 2.50 CONVOLVULUS (Morning Glory). Seenext page.



Photograph of Single Flower (Actual Size)
Michell's GRant Flowering Cosmos



Cineraria-Michell's Grandiflora Prize

Michell's "Distinctive" Cineraria

Michell's "Distinctive" Cinerarias	>
Our improved strains have been acclaimed wonderful; imme	ense Trade
Pkt. I	Pkt.
691 Dwarf Grandiflora Prize. Mixed colors\$0.60 \$	00.18
693 Medium Tall " "60	1.00
699 James' Giant Strain. Mixed colors	1.00
707 Sutton's Superb. Mixed colors (Orig. pkt. 60c.)	
700 Matador. Large flowering scarlet	1.00
695 Hybrida, Choice Mixed	.50 1.00
703 Sutton's Stellata. Star-shaped. (Orig. pkt. 60c.)	1.00
705 Stellata Hybrida. Mixed colors	1.00
Cineraria (Dusty Miller) Trade Pkt.	Oz.
701 Maritima Candidissima. White leaved, used	
	0.20
Cosmos	
Michell's Large Early Flowering	
This new Early Flowering Strain begins blooming very e	
and produces flowers of large size. Trade Pkt. 751 Large Early Flowering, Crimson\$0.15	
751 Large Early Flowering, Crimson\$0.15	80.50
752 " " " Pink	.50
750 11 11 11 11 11	.50
754	.40
755 Dawn. Dwarf early; white, tinged pink	.50
Giant or Late Cosmos	
759 Giant Flowering Pink	.30
761 " Crimson	.30
763 " White	.30
765 " Mixed	.25
767 "Fancy Varieties. Mixed	•75
708 Rainbow. Large Timed nowers, mixed20	.60
709 Flowering Klondyke. 1 enow	·75
flowers; color beautiful shell pink	40
On the August of T. C. 1	.40
Lady Lenox, excepting that the flowers are	
pure white	



Michell's Fancy Giant Cyclamen

Cyclamen

Of this important florist's flower we now offer two distinct strains, both unchallenged in their class as "distinctively superior."

Michell's "Distinctive" Giant

This is the English strain, grown for us exclusively by a grower of world-renown, whose sole output is handled by us, consequently our quality cannot be duplicated. Flowers are gigantic; colors clear and superb; specimen plants are a thing of beauty and always win first prize at exhibitions.

100 Seeds 10	00 Seeds
794 Pure White\$1.00	\$8.50
796 Soft Pink 1.00	8.50
792 White with Red Base	8.50
790 Brilliant Crimson 1.00	8.50
798 Salmon Pink 1.00	8.50
799 Mixed. A splendid assortment of colors90	8.00

Michell's Giganteum Cyclamen (Continental Strain)

Again this is grown for us exclusively by a specialist, but on the Continent, and the distinction between the former and this strain is, that the Giganteum strain produces comparatively smaller flowers but twice and three times the number of flowers at one time, also that it flowers much earlier. German growers invariably prefer this strain, as it is the strain of the Fatherland.

	100 Seeds 10	000 Seeds
780 Album. W	Vhite\$0.75	\$6.00
782 Roseum.	Pink	6.00
784 Rubrum.	Red	6.00
786 White with	n Red Eye	6.00
788 Mixed Cold	ors	5.00
802 Papilio (Bi	utterfly). Mixed colors 1.00	7.50
80	6 Cyclamen, Sutton's Giant	

Mixed Colors. A celebrated strain. Original pkts., \$0.75.

804	Cyclamen, Persicum		

			Trade Pkt.	. Os.
Mixed.	The common	type	 .\$0.30	\$2.00

Convolvulus (Morning Glory) **Major or Tall Varieties**

	de Pkt.	
740 Japanese Imperial. Mixed (lb. \$1.25).	\$0.10	\$0.15
741 " Fringed. Mixed		
(1b. \$2)	.10	.20
742 Mixed(lb. 40c.)		.IO
744 Double Flowering. Mixed colors	.IO	.25
Minor or Dwarf Varieties		
746 Tricolor. Blue(lb. 50c.)		.IO
748 Mixed(lb. 40c.)		.10
Cuphea (Cigar Plant)		
_		
775 Platycentra. Scarlet	.25	3.50
Cyperus (Umbrella Plant)		
810 Alternifolius	.40	1.50
Cypress Vine (Ipomoea Quar	noclit)	
815 Scarlet		.20
817 White		.20
819 Mixed	.10	.15



Twentieth Century Dahlia

Dahlia

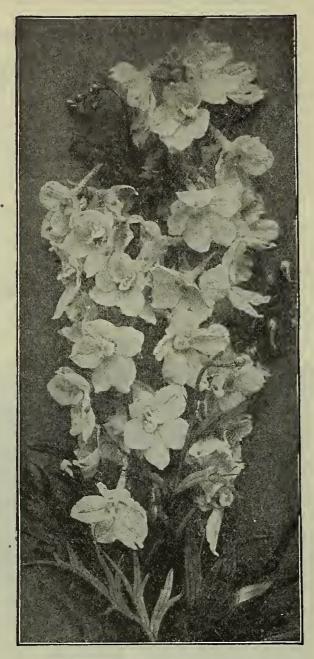
Both the Double and Single Dahlias can be easily grown from seed, and will produce blooming plants the first summer if the seed is sown before May. Trade Pkt. Oz.

827 Double Cactus. All colors mixed\$0.25 \$	1.25
829 " Large Flowering. Show type, mixed	00.1
832 Single Century. Mixed from named sorts. (Pkt. 15c.)	
833 Collarette. Flowers of various colors, with a	
	00.1
835 " Giant Perfection. Mixed	.60
847 " Twentieth Century. (Pkt. 10c.)	

Daisy, English Double (Bellis Perennis)

856	Monstrosa, Pink. (1/8 oz. \$1.00)	.50	
858	" White. (½ oz. \$1.00)	.50	
857	" Mixed. (½ oz. \$1.00)	.50	
859	Longfellow. Large pink	.30	2.00
860	Snowball. Large white	.30	2.00
855	Giant Red. Various shades of red	.50	2.00
861	Double Mixed	.30	1.75
	Datura /		

Datuia (Trumpet Flower)			
864 Cornucopia. White, marbled purple	.IO	.30	
866 Double Golden	.IO	.25	
868 " Mixed	.IO	.25	
862 Brugmansia			



Delphinium-Kelway's Giant

Delphinium (Perennial Larkspur)				
878 Kelway's Giant. Enormous spikes with flowers Pkt.	Oz.			
of many shades of blue\$0.40	\$2.00			
871 Bella Donna. Light turquoise blue50	2.50			
872 Burbank's Hybrids. Splendid assortment of	5-			
colors; large flowers	2.50			
884 Amos Perry. Rosy mauve, flushed sky blue40	2.00			
885 Duke of Connaught. Oxford blue, white eye40	1.50			
877 Formosum. Deep blue	.60			
880 "Coelestinum. Sky blue	·75			
875 Chinense Grandiflorum. Dwarf, flowers blue10	.30			
874 " " Album. White10	.30			
873 Cashmerianum. Large, dark blue	2.50			
876 Elatum (Bee Larkspur). Blue	.50			
886 Mme. Violet Geslin. Clear blue, white eye 40	2.00			
879 Nudicaule. Scarlet	3.00			
887 Portia. Cornflower blue, dark centre 40	2.00			
888 Queen Wilhelmina. Soft lavender-blue, flushed	`			
with rose, white eye	2.00			
889 Rembrandt. Bright sky-blue, inner petals rosy	2.00			
lavender	2.00			
881 Zalil. Yellow	.30			
	.30			
For ANNUAL LARKSPUR See Page 42				
Digitalis (Foxglove)				
927 Gloxiniaeflora, Pink\$0.10	\$0.40			
924 " Lilac	.40			
928 " Purple	.40			
020 " White	.40			
030 " Mixed	.30			
932 Monstrosa, Mixed	.75			



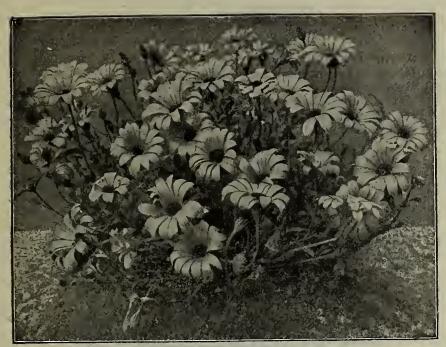
Dianthus (Annual Pink)

Dianthus (Pinks)

-	Bouble Annual Sorts 890 China or India Pinks. Mixed. \$0 892 Fireball. Fiery scarlet 894 Fringed. Large, mixed colors. 896 Japan Pink. Choice mixed. 898 White. Fringed flowers		Oz. \$0.25 .75 .50 .50 .75
1	Dianthus—Single Annual Sorts		
	909 Japan Pink. Mixed colors 911 Nobilis (Japan Royal). Mixed 915 Salmon Queen. Brilliant salmon color	.15 .20 .15	.40 .50 .60
	Dianthus—Hardy Garden Sorts		
	919 Clove Scented. Double mixed	.30 .50	2.00 2.50
ı	brid Sweet William). Double red	.20	.50
ı	921 Pheasant's Eye. Single fringed flowers; mixed	.IO	.50
١	923 Double Scotch. Choice colors, mixed	.30	1.50
	Dictamnus (Gas Plant)		
	925 Fraxinella. Perennial; purple red flowers	.IO	.25



Digitalis



Dimorphotheca—Aurantiaca Hybrida

_ `					
	Dimorphotheca				
	Aurantiaca (African Orange Daisy) The golden Trade orange daisy-like flowers are splendid for cut-Pkt. ting and especially adapted for forcing\$0.30 Aurantiaca Hybrida. A splendid mixture of	Oz. \$1.00			
931	colors and shades	1.50			
938	Aurantiaca Hybrida, fl. pl. Double and semi- double flowers in various colors. For illustra- tion and full description see Novelties, page 25. Per pkt. 20c., 55c. per 3 pkts.	2000			
	Dolichos (Hyacinth Bean)				
934 935 937	Darkness. Purple violet (1/4 lb. 25c.)	01. 01. 01.			
	Dracena				
942	Indivisa. Our seeds are picked for plumpness.' Narrow green leaves; the popular sort for bedding or vases	.30			
040	Australis. Broad leaves	.50			
2-4-	Echinocystis (Wild Cucumber Vine)				
0.47		.20			
945		.20			
	Edelweiss				
950	Gnaphalium Leontopodium. The popular Alpine .30	2.00			
	Eschscholtzia (California Poppy)				
OFT	Californica. Yellow	.20			
052	Burbank's Crimson. Large; deep crimson20	.50			
955	Golden West. Large golden yellow	.20			
959	Orange	.20			
	White	.20			
057	Mandarin. Orange and scarlet	.20			

95/ Manual III. Orange and so	
of Rose Cardinal. Carmine r	ose
965 Choice Mixed	
EULALIA (See G	
LULALIA (See C	rasses, page 10
Eupate	orium
A fine perennial, and useful for	or cutting.
975 Fraseri. White flowers	
Ferns for G	reenhouses
We make a specialty of gree	nhouse ferns and furnish abso-
lutely fresh spores to insure pro	
varieties can be relied upon to c	
985 Adiantum (Maiden Hair).	
989 Pteris Varieties. Mixed .	
991 All Sorts Mixed	Pteris Magnifica
Adiantum Cuneatum	
Aspidium Tensimense	" Mayii
Cyrtomium Falcatum	Serrulata Cristata
Lomaria Gibba	i remuia
Lygodium Scandens	" Victoria
Pteris Adiantioides	" Wimsettii
" Alba Lineata	" Wilsoni
Each variety, per T	'rade Package, 3oc.

Euphorbia				
980 Heterophylla (Mexican Fire Plant). Ornamen-Pkt. tal foliage plant, red flower bracts\$0.15	Oz. \$0.50			
982 Variegata (Snow on the Mountain). Variegated foliage and white flower bracts	.15			
Feverfew (Matricaria)				
995 Double White. Fine for cut flowers	.25			
Freesia				
flowering within 8 months from time of sow-Seeds ing; various colors\$0.35	1,000 Seeds \$2.50			
Fuchsia				
1015 Mixed. Best single and double	2.25			



Gaillardia—Grandiflora Superba

Gaillardia

Annual Varieties			
Useful for cutting, or for the mixed border. Trade Pkt. Oz. 1028 Picta. Single mixed			
Gaillardia—Perennial Varieties			
These occasionally flower the first year from seed. Gigantic attractive flowers appear during the whole season; fine for cutting or borders. Trade Pkt. Oz. 1021 Sanguinea. Blood red\$0.20 \$0.60 1020 Grandiflora Compacta. Mixed\$15 .40 1022 "Superba. Mixed\$10 .30 1030 Sulphurea Oculata. Sulphur yellow, maroon eye\$25 .75			
1029 Semi=Double. Mixed			
Gentiana (Blue Gentian)			
1035 Acaulis. Hardy perennial; blue flowers15 .75			
Geranium			
1040 Apple Scented. Per 100 seeds, 20c.; \$1.50 per 1000 seeds.			
1042 Pelargonium (Lady Washington). Per 100			

seeds, 75c.

.60





Gerbera—Jamesoni Hybrida

Gerbera (Transvaal Daisy)

This is strictly a greenhouse perennial and will no doubt become a popular cut flower, when the grower makes a closer acquaintance. Place seeds on edge and let fuzzy part protrude. 1049 Jamesoni Gigantea. Immense scarlet flowers. Per 100

seeds, 75c.

1047 Jamesoni Hybrida. One of the best recent introductions.

These hybrids produce every possible shade of colors. Per 100 seeds, 75c.

Geum

1051 Atrosanguineum Fl. Pl. Large, showy double Pkt. Oz. dark crimson flowers, perennial......\$0.20 \$0.75 Gloxinia

Perfect flowers and shapely plants are the result of carefully saved seeds from specimens only. That is just what we are 1055 Hybrida Grandiflora, Choicest Mixed. Trade Pkt. Oz. (½ trade pkt., 60c.).....\$1.00

Godetia (Satin Flower)

1060 Gloriosa. Blood red	.IO .IO	\$0.40
Golden Rod	-	
1065 Solidago Canadensis. Perennial; golden yellow	.10	.40
Gomphrena (Globe Amaranth)		
1070 Nana Compacta. Dwarf red	.10	20
1072 Mixed. All colors	.10	.15
Gourd (Ornamental)		
1075 Calabash, or Dipper. Very useful	.10	.15
1077 Egg=Shaped. White	.10	،15
1079 Hercules Club. Club-shaped; 4 feet long	.IO	.15
1081 Luffa (Dish Rag or Bonnet Gourd)	.10	.15
1083 Orange=Shaped (Mock Orange)	.10	.15
1085 Pear=Shaped. Striped; very showy	.10	.15
1087 Serpent. Striped like a serpent; 5 feet long	.10	.15
1089 Sugar Trough. Used as water holders	.10	.15

.15

Grasses (Ornamental)

Annual Varieties Trade	Pkt.	Oz.
415 Avena Sterilis (Animated Oats)	0.10	\$0.15
490 Briza Maxima (Quaking Grass)	.10	.15
495 Bromus Brizaeformis	.10	.15
730 Coix Lachrymae (Job's Tears)		.10
1166 Hordeum Jubatum (Squirrel Tail Grass)	.10	.20
1640 Pennisetum Longistylum	.10	.25
Grasses—Perennial Varieties		
155 Arundo Donax (Great Reed)	.15	.40
970 Eulalia Japonica	.10	.30
1100 Gynerium Argenteum (Pampas Grass)	.10	.30
1642 Pennisetum Ruppelianum (Purple Fountain		
Grass)	.10	.25
2005 Stipa Pennata (Feather Grass)	.10	.25
Grevillea (Silk Oak)		
Robusta. An ornamental foliage plant, grown extensively for vase work and very easily grown from seed	.15	.50
GYNERIUM. (See Grasses above.)		
S VRIVE DE LI SULT VITA		



Gypsophila Paniculata

Gypsophila (Baby's Breath) Trade Pkt. Oz,

1103 Elegans Alba Grandiflora. Hardy annual va-	
riety; flowers pure white\$0.10	\$0.20
1105 Paniculata. Perennial; graceful sprays of white	
flowers	.25
1106 Paniculata Fl. Pl. Perennial, with double	
white flowers. Per pkt. 15c.	

white now order and pro-	-3		
Hel	enium		
1108 Autumnale Superbum. low flowers	Perennial; golden yel-	.25	1.00
HELIANTHUS.	(See Sunflower.)		
Helichrys	um (Straw flower)		
1110 Monstrosum. Double n	nixed	.IO	.30
Heliopsis	(Orange Sunflower)		
1112 Pitcheriana. Perennial flowers	; deep golden yellow	.10	.30

Media, Pa., Aug. 10, 1912.

Dear Sirs:—Enclosed find order and remittance. My experience with your seeds is, that almost every seed germinates; I get the finest plants and blooms from your seeds of any I have ever tried.

Very truly yours,

F. C. S.

MICHELL'S "DISTINCTIVE" FLOWER SEEDS 41



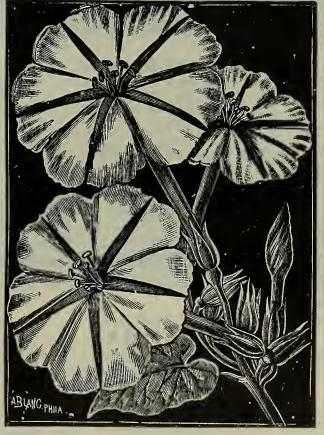
Heliotrope, Lemoine's Giant

	Heliotrope _T	'rade	Pkt.	IJz.
	Lemoine's Giant Hybrids. Immense flowers			
1117	Regal. Dwarf large flowering		.40	2.00
1119	Choice Mixed		.20	1.00

~:	_	
Chater's	Double	Hollyhoo

Hibiscus (Mars	shmal	low)
1133 New Giant.		
(Mallow Mar-		
vel.) Immense		
flowers in shades of red,		
pink, purple		
and white	.30	.75
1130 Crimson		,,,
Eye. White		
with crimson		'
centre 1132 Golden Bowl.	.10	.40
Yellow with		
Yellow with maroon cen-		
tre	.15	.60
1134 Palustris.		
Pink	.15	.50
Large pink		
flowers	.15	.50
		- 5 -
Hollyboo	ale:	
Hollyhoo	ek Selec	rted
Chater's Double	Sele	
Chater's Double 1149 Pink 1150 Maroon	Selection .25	.65
Chater's Double 1149 Pink 1150 Maroon	.25 .25	.65 .65
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon	Selection .25	.65 .65 .65
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White	.25 .25 .25 .25 .25 .25	.65 .65 .65 .65
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow	.25 .25 .25 .25 .25 .25 .25	.65 .65 .65 .65
Chater's Double II49 Pink II50 Maroon II51 Red II53 Salmon II55 White II57 Yellow II59 Choice Mixed	.25 .25 .25 .25 .25 .25 .25 .25	.65 .65 .65 .65 .65
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow 1159 Choice Mixed HOLLYHOCK—Oth	.25 .25 .25 .25 .25 .25 .25 .25	.65 .65 .65 .65 .65
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow 1159 Choice Mixed HOLLYHOCK—Oth 1160 Single Mixed	.25 .25 .25 .25 .25 .25 .25 .25	.65 .65 .65 .65 .65
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow 1159 Choice Mixed HOLLYHOCK—Oth 1160 Single Mixed 1148 Single Hybrid	.25 .25 .25 .25 .25 .25 .25 .20 er S	.65 .65 .65 .65 .65 .60
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow 1159 Choice Mixed HOLLYHOCK—Oth 1160 Single Mixed 1148 SingleHybrid Everbloom=	.25 .25 .25 .25 .25 .25 .25 .20 er S	.65 .65 .65 .65 .65 .60
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow 1159 Choice Mixed HOLLYHOCK—Oth 1160 Single Mixed 1148 SingleHybrid Everbloom= ing. Flowers	.25 .25 .25 .25 .25 .25 .20 .20	.65 .65 .65 .65 .60 orts
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow 1159 Choice Mixed HOLLYHOCK—Oth 1160 Single Mixed 1148 SingleHybrid Everbloom= ing. Flowers the first year 1147 DoubleHybrid	.25 .25 .25 .25 .25 .25 .25 .20 er S	.65 .65 .65 .65 .65 .60
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow 1159 Choice Mixed HOLLYHOCK—Oth 1160 Single Mixed 1148 Single Hybrid Everbloom= ing. Flowers the first year 1147 Double Hybrid Everbloom=	.25 .25 .25 .25 .25 .25 .20 .20	.65 .65 .65 .65 .60 orts
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow 1159 Choice Mixed HOLLYHOCK—Oth 1160 Single Mixed 1148 Single Hybrid Everbloom= ing. Flowers the first year 1147 Double Hybrid Everbloom= ing. Flowers	.25 .25 .25 .25 .25 .25 .20 .21 .15	.65 .65 .65 .65 .60 orts .50
Chater's Double 1149 Pink 1150 Maroon 1151 Red 1153 Salmon 1155 White 1157 Yellow 1159 Choice Mixed HOLLYHOCK—Oth 1160 Single Mixed 1148 Single Hybrid Everbloom= ing. Flowers the first year 1147 Double Hybrid Everbloom=	.25 .25 .25 .25 .25 .25 .20 .20	.65 .65 .65 .65 .60 orts

Heuchera (Alum Root)	
1125 Sanguinea. Hardy perennial; dwarf; crimson.\$0.30	\$1.75
Honesty (Lunaria Biennis)	
Trade Pkt 1165 Hardy biennial; admired for its silvery seed	Oz.
panicles\$0.10	\$0.30
HORDEUM. See Grasses, page 40	
Humulus (Japanese Hop)	
A rapid-growing annual climber.	
1170 Japonicus. Green foliage	.25
1172 Variegatus. Leaves mottled with white	.25
Hunnemannia (Giant Yellow Tulip Poppy)	
Will produce flowers from July till frost; good for	
cutting.	.30
	.50
Impatiens (Sultan's Balsam)	
1177 Holsti. Salmon red	
1178 Holsti New Hybrids. All colors	
1180 Sultani.Bright rose	
Incarvillea (Hardy Gloxinia)	
1184 Delavayi. Gloxinia-like flowers of a deep pink40	1.50



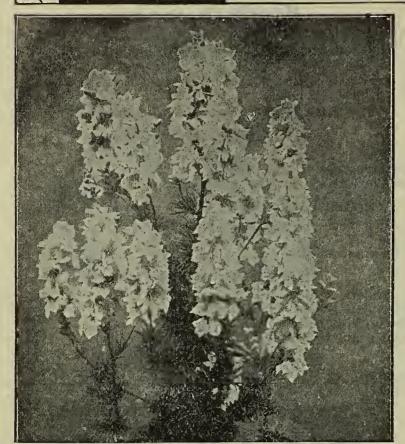
Moonflower (Ipomoea Noctitlora)

Ipomoea			
Trade F	kt. Oz.		
1189 Noctiflora (Moon Flower). Lb. \$4.50, \$1.25 1/4 lb.\$0.1	5 \$0.50		
1185 Grandiflora Superba. Blue edged white			
O II 1 DI (DI C I)	5 .40		
C (/D ''' M' ' C'I) D' '	0 .30		
1193 Mixed	0 -		
	.1.5		
Iris (Flowering Flag)			
1194 Kaempferi (Japanese Iris). Mixed colors1	5 .50		
Kenilworth Ivy			
1195 Linaria Cymbalaria. Flowers violet	5 1.25		
Kochia (Summer Cypress, or Mexican Fire Bus	h)		
1198 Trichophylla. A very popular annual	0 .20		
Lantana			
A valuable plant for bedding, pot culture or vases.			
1200 Dwarf Compact Mixed	5 40		
1201 Choice Mixed			
1201 CHOICE MIXCU	.20		

42 MICHELLS FLOWER SEEDS







Larkspur, Double Tall Stock Flowered

LARKSPUR (Annual) Trad	
1202 Tall Stock Flowered Dark Blue\$	0.10 \$0.30
1203 " " " Sky Blue	.10 .30
Siell Pink	.10 .30
write	.10 .30
1207 " " Mixed	.10 .25
1223 " " White	.10 .25
1221 " " " Dark Blue	.10 .25
1224 " " Mixed	.10 .20
1226 Queen of the Pinks. Splendid for cutting or	
forcing delicate pink	.20 .60
1205 Dwarf Double Rocket. Mixed colors	.10 .15
LATHYRUS LATIFOLIUS (Perennial	Pea)
1210 Crimson	.10 .30
1212 Pink Beauty. Bright pink	.10 .40
1214 White	.10 .35
1216 Choice Mixed	.10 .25
LAVATERA	
1218 Splendens Rosea. A splendid annual for cut-	
ting and decorative work; pink flowers	.15 .60
LOBELIA	
No list of bedding plants is complete without Lo	belia, and
what we offer in this line are all gems. Seed should	l be sown
early.	depkt. Oz
1239 Crystal Palace Compacta. This is the leading dwarf variety, having dark blue flowers carried	
erect\$	0.30 \$1.25
1235 Barnard's Perpetual. Dwarf; blue with white	σ.jo φ1.2j
eve. trailing	.25 1.00
1254 Sapphire (New). A beautiful trailing variety,	
deep blue with white eye. Per pkt. 15c.	
1241 Crystal Palace Speciosa. The best trailing sort for baskets and vases; deep blue	.15 .50
1243 Double Flowering. Deep blue; holds its flower	.15 .50
longer than any other sort	.50
1245 Emperor William. Dwarf, light blue	.25 1.25
1240 Gracilis. Light blue, trailing	.15 .50
1255 White Gem. Pure white; dwarf	.25 1.50
1257 Choice Mixed	.15 .50
LOBELIA—PERENNIAL VARIETIES	
1237 Cardinalis (The Cardinal Flower). Stately	
plants with spikes of cardinal red flowers	.40 3.00

Read Pages 23 to 28 for Valuable Novelties in

Flower Seeds.

LAVENDER Trade pkt	. Oz.
1220 Lavendula Vera (True). Fragrant blue flowers.\$0.10	\$0.50
LIATRIS (Blazing Star)	
1227 Pycnostachia. Perennial; deep rose flowers40	3.00
LILY OF THE VALLEY	
1225 Convalaria Majalis	2.00
LINUM	
1230 Grandiflorum Rubrum (Scarlet Flax)10	.15
LOPHOSPERMUM	
1260 Scandens. For hanging baskets, vases, etc30	1.50



Lupinus-Annual

LUPINUS (Annual)

This is one of the most popular forcing annuals. Six weeks from day of germination will produce the flower; very showy and keep well after cutting. An easy seller. Tradepkt. Oz. 1268 Michell's Pink Beauty. This is by far the best; color a most pleasing delicate salmon pink. This may be grown in single spikes or \$0.30 .20

 1269 Red
 .10

 1271 Scarlet, White Tipped
 .10

 1273 White
 .10

 1275 Yellow
 .10

 1277 Mixed
 .10

 .20 .20 .30 .15 **LUPINUS—PERENNIAL VARIETIES** Showy plants for semi-shady spots.

 Showy plants for semi-shady spots.

 1278 Polyphyllus Roseus. Soft pink
 .30

 1280 "Blue
 .10

 1281 "White
 .10

 1279 "Mixed. All colors
 .10

 1.00 .20 .15 **LYCHNIS** 1.50 1.00 LYTHRUM

.25

MICHELLS FLOWER SEEDS 518 PHIL



Marigold, El Dorado

1294 Gold Striped. Double			
1294 Gold Striped. Double			
yellow and red			
yellow and red			
1292 Dwarf French Mixed			
1292 Dwarf French Mixed			
· ·			
READICAL ADDICAN MADIENTE			
MARIGOLD—AFRICAN VARIETIES 1296 El Dorado. Tall growing sort, double orange10 .25			
1296 El Dorado. Tall growing sort, double orange10 .25 1307 Orange Prince. Rich orange yellow, double15 .40			
1303 Lemon Queen. Clear lemon yellow, double15 .40			
1308 Pride of the Garden. Golden yellow, dwarf15 .40			
1300 Tall Double Mixed			
MARVEL OF PERU (Four O'clocks)			
1315 Mixed (½ 1b. 15c.)			
MATRICARIA See Feverfew.			
MATTHIOLA			
1318 Bicornis (Evening Scented Stock). Purplish			
lilac			
MAURANDIA			
A splendid flowering plant for vases, baskets, etc. 1320 Barclayana. Purple\$0.20 \$1.25			
1326 Choice Mixed			
MESEMBRYANTHEMUM			
C 110 11 T7 1 1 T0 1 C			
1330 Corditolium Variegatum. Pink flowers25 1331 Crystallinum (Ice Plant). White flowers10			
1332 Tricolor (Wax Plant). Various colors1030			
MIMULUS			
78 4 4 4 7 5 1 D1 1 77 44 0			
1370 Moschatus (Musk Plant). Yellow flowers25 1.25 1372 "Compacta. Fine for pots40			
1374 Tigrinus (Monkey Flower). Mixed			
MINA			
1380 Lobata. A rapid growing climber			
MONARDA (Bergamot)			
1382 Didyma. Perennial; large heads of deep red flowers			
· ·			
MOON FLOWER See Ipomoea. MORNING GLORY See Convolvulus.			
MUSA			
1385 Ensete (Abyssinian Banana). 40c. per 25 seeds.			
1385 Ensete (Abyssinian Banana). 40c. per 25 seeds. 100 seeds \$1.00.			
1385 Ensete (Abyssinian Banana). 40c. per 25 seeds. 100 seeds \$1.00. PHILADELPHIA, PA., June 26th, 1912.			
1385 Ensete (Abyssinian Banana). 40c. per 25 seeds. 100 seeds \$1.00. Philadelphia, Pa., June 26th, 1912.			



	, MIGNONETTE	Trade pkt.	Oz.
1356	Michell's Colossal. One of the finest sorts for		
	forcing. Colossal spikes from 18 to 24 inches		
	high, with massive flowers	.40	4.00
1354	Hoehl's Giant Flowering. Grown by a spe-		
	cialist; seeds saved from specimen plants	.50	5.00
1340	Allen's Defiance. Large spikes (1/4 lb. \$1.25)	.15	.40
1345	Bismarck. Large compact heads	.25	.75
1355	Machet. Improved and selected(1/4 lb. 75c.)	.IO	.25
1349	Golden Machet. Yellow	.IO	.30
1352	Goliath. Giant spikes	.15	.50
1363	Sutton's Giant. Fine, large reddish buff. Orig-		
	inal packets, 30.		
1357	Miles' Spiral. Good for outdoor (1/4 lb. 50c.)	.IO	.15
1359	Parson's White. Almost white	.IO	.20
1365	Sweet Scented. The old-fashioned (1b., 50c.)		.IC
	MYOSOTIS (Forget-Me-Not) .		
1 20 T	Alpestris Victoria. Bright blue; the best for		
1391	bedding; dwarf and compact	.25	1.00
T 406	Ruth Fischer (New). Flowers large, and of		
•	true Forget-Me-Not blue	.50	
T 305	Eliza Fanrobert. Blue; fine for pots	.15	.75
1401	Palustris. Heavy, robust plants, deep blue	.30	2.00
T 103	" Semperflorens. Everblooming, blue	.25	1.50
T 300	Grandiflora Alba. White	.20	1.00
T 400	" Rosea. Pink	.20	1.00
1405	Royal Blue. Erect growing; blue	.30	1.00
T.407	Choice Mixed	.15	.50
1393	Dissitiflora (Perennial). Deep blue	.30	2.00



Michell's Fancy Giant Nasturtiums

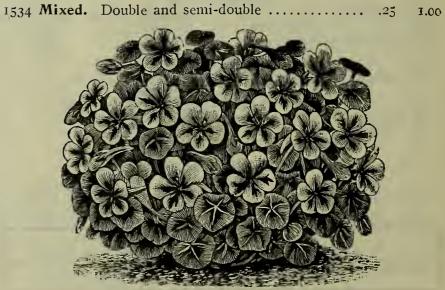
NASTURTIUMS DWARF OR TOM THUMB VARIETIES

Oz. 1/4 lb. lb.

442 Michell's Falley Chants Mixed	0.15	ФО.30	φυ./5
1440 Choice Mixed (10 lbs., \$3.50)	.IO	.15	.40
1445 Liliput Mixed. Very dwarf, good for pots	.IO	.20	.60
1446 Queen of Tom Thumb Mixed. Silver			
variegated foliage, very showy	.15	.40	1.25
1431 Queen of Tom Thumb Crimson	.15	.50	1.50
1444 Golden Foliage Mixed	.10	.30	1.00
1443 Ivy Leaved Mixed	.15	.40	1.25
1417 David Burpee Spencer. Plants compact;	.13	.40	1.23
leaves wavy and ruffled; flowers deep			
scarlet	0-		0.50
1410 Aurora. Bright orange	.25	.75	2.50
1412 Beauty. Red and yellow	.IO	.20	.50
1412 Brongs Dumished brongs solar	.IO	.20	.50
1413 Bronze. Burnished bronze color	.IO	.20	.50
1414 Chameleon. Various colors on the same			
plant	.IO	.20	.60
1416 Cloth of Gold. Scarlet, yellow foliage	.10	.20	.60
1415 Crystal Palace Gem. Sulphur yellow,			
spotted maroon	·10	.20	.50
1418 Empress of India. Deep crimson, dark			
toliage	.10	.20	.60
1420 Golden King. Golden yellow	.IO	.20	.60
1422 Golden · Queen. Yellow flowers and			
foliage	.IO	.20	.60
1423 King of Tom Thumbs. Dark scarlet	.IO	.20	.60
1424 King Theodore. Dark foliage, flowers			
almost black	.Io	.20	.60
1426 Lady Bird. Yellow and red	.10	.20	.60
1428 Pearl. White	.10	.20	.50
1430 Pink	.10	.20	.60
1429 Prince Henry. Cream, spotted and tipped	•••	\0	•00
red	.IO	.20	.60
1432 Scarlet	.10	.20	.50
1434 Spotted. Orange, spotted crimson	.10		_
1436 Vesuvius. Salmon pink, dark leaved		.20	.50
1430 Vestivius. Samon pink, dark leaved	OI.	.20	.60
1438 Yellow	.10	, .20	.50

NASTURTIUMS—Continued

CLIMBING OR TRAILING VARIETIES		
	∡ lb.	lb.
	0.30	\$0.75
1472 Choice Mixed (10 lbs., \$3.00) .10	.15	· 35
1475 Queen of Talls, Mixed. Mottled foliage .10	.25	•75
1471 Hybrids of Madame Gunther, Mixed.		
Beautiful deep blue foliage, velvety		
flowers	.20	.50
1473 Ivy Leaved Mixed	.40	1.25
1450 Chameleon. Different colors on the same		
plant	.20	.50
1452 Crimson	.20	.50
1453 Hemisphaericum. Orange salmon and		
scarlet	.20	.50
1456 Jupiter. Yellow crinkled, very fine10	.20	.50
1458 King Theodore. Dark foliage, flowers		
almost black	.20	.50
1460 Orange	.20	.50
1459 Prince Henry. Cream, spotted and tipped	0	•,00
red	.20	.50
1461 Pearl. Creamy white	.20	.50
1463 Pink	.20	
		.50
1462 Scarlet	.20	.50
1466 Vesuvius. Salmon pink, dark leaved10	.20	.50
1470 Yellow Striped Scarlet	.20	.50
LOBB'S CLIMBING		
1480 Asa Gray. Yellowish white	.20	.60
1482 Brilliant. Glowing scarlet	.20	.60
1484 Giant of Battles. Yellow, with carmine .10	.20	.60
1486 (iolden Oueen. Golden vellow	.20	.60
1488 Roi des Noirs. Dark garnet red 10	.20	.60
1489 Rudolph Virchow. Fine ruby rose10	.20	.60
1490 Spitfire. Brilliant scarlet	.20	.60
1492 Choice Mixed. Lobb's varieties10	.15	.50
	3	
NEMOPHILA (Love Grove)	o Die	. Oz.
1500 Mixed. Free flowering annual\$	e PKI	\$0.TE
	J. 1 U	φυ.13
NICOTIANA (Ornamental Tobacco)		
1505 Affinis. Large white fragrant flowers	10	.20
1506 "Hybrida. All colors	.10	
1708 Sandaraa Flowers corming and	.15	.40
1508 Sanderae. Flowers carmine red	.15	.50
	.10	.25
NIEREMBERGIA		
	7 =	
1513 Frutescens. White, tinted with lilac	.15	.40
NIGELLA (Love in a Mist)		
1515 Damascena. Double mixed	.IO	.15
1517 Miss Jekyll. Beautiful clear blue	.10	.30
OENOTHERA (Evening Primrose)		
1523 America (New). Flowers extra large; snow		
white when opening in the evening, changing		
in the morning to a delicate pink	.40	
1525 Mixed. Annual varieties	.10	.15



PAEONY

Dwarf or Tom Thumb Nasturtiums

MICHELL'S RELIABLE GARDENTOOLS, FERTILIZERS, 518 PHILA



Pansy-Michell's Giant Exhibition

PANSIES

Note—Please do not compare our Giant Prize Pansies with the ordinary Giant Trimardeau; the seed we offer will produce flowers of much heavier texture.

GIANT SORTS IN SEPARATE COLORS

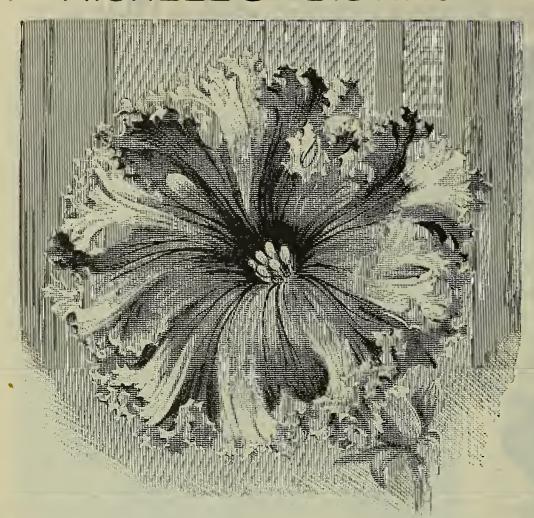
			Trac	le pkt	Oz.
1535	Giant	Prize	Azure Blue	0.40	\$1.75
1537	6.6	6.6	Black Blue	.40	1.75
1539	66	66	Emperor William. Blue	.40	1.75
1541	6.6	6.6	Hortensia Red	.40	2.50
1543	66	6.6	King of the Blacks	.40	1.75
1545	6.6	6.6	Lord Beaconsfield. Purple violet	.40	1.75
1549	6.6	6.6	Peacock. Blue, claret and white	.40	2.50
1551	6.6	6.6	Snow Queen. Pure white	.40	1.75
1553	66	66	Striped and Mottled	.40	1.75
1557	6.6	66	White with Eye	.40	1.75
1559	6.6	66	Pure Yellow		1.75
1561	66	66	Yellow with Eve		1.75

PANSIES—Continued

REGULAR SORTS IN SEPARATE COLOR	S	
True d	~ ~1=+	Oz.
1565 Belgian Striped\$0 1567 Emperor William. Ultramarine blue	0.25	\$1.00
1567 Emperor William. Ultramarine blue		1.00
1569 Faust, or King of the Blacks	.25	1.00
1571 Gold Margined. Purple, golden edge	.25	1.00
1573 Havana Brown	.25	1.00
1575 Lord Beaconsheld. Purple violet	.25	1.00
1577 Mahogany Colored	.25	1.00
1579 Silver Edged. Purple, silver edge	.25	1.00
1581 Snow Queen. Pure white	.25	1.00
1583 White with Eye	.25	1.00
1505 reliow dem. Pure yellow	.25	1.00
1587 Yellow with Eye	.25	1.00
PANSIES IN MIXTURE		
1595 Michell's Giant Exhibition Mixed. A giant str		
we have secured from the leading Pansy spe	cialis	sts in
Germany, England and France. For size of blo		
texture and varied shades and colors, with the		
markings, this strain cannot be excelled. 3oc. pe	$r \frac{I}{2}$	trade
pkt., trade pkt. 50c., 75c. per 1/8 oz., per oz. \$5.00).	+
1608 Triumph of the Giants Mixed. A very robus		
producing on long stems flowers of immense si		
unusual substance; the petals being very broad		
lapping each other make the flowers appear almo	st do	ouble;
many beautiful, rich and rare shades. 60c. per		trade
pkt., trade pkt. \$1.00, \$1.75 per 1/4 oz., per oz., \$6	5.00.	
1597 Bugnot, Odier and Cassier. Superb mixture. \$	Pkt.	Oz.
1599 Giant Trimardeau. Very large flowering	20	φ4.00
1600 Mad. Perret. Blooms very early; fragrant;	.30	1.25
especially rich in red shades.	.50	2.50
1601 Masterpiece (Frilled Pansy). Flowers beau-	.50	2.50
tifully curled or waved	.50	4.00
1605 Odier or Blotched. A beautiful strain	.50	3.00
1607 Parisian Large Stained. Large flowering	.40	2.00
1609 Finest English Mixed. Large flowering	.25	.75
1611 Very Fine Mixed	.15	.50
		.50
PASSIFLORA (Passion Flower)		
1630 Mixed	.20	I.oc
PENNISETUM (See Grasses, page 40)	
PENTSTEMON		
1644 Sensation. Annual variety; mixed colors	.30	1.75
1645 Mixed. Hardy perennial	.10	.20
1643 Barbatus Torreyi. Perennial, scarlet	.10	.25
1646 Digitalis. Perennial, white	.10	.25
,	,10	.23
PERILLA		



Pansy "Masterpiece"



Petunia—Grandiflora Fringed

PETUNIA

We call attention to our Large Flowering strains of Petunias, which, for size and brilliancy of coloring, cannot be surpassed.

Single Flowering

½ Trade Pkt.	Trade Pkt.	Oz.
1657 California Giants. Strong, robust plants	I Kt.	Oz.
1657 California Giants. Strong, robust plants immense flowers of bright and desirable		
colors (1/16 oz., \$2.25)\$0.30	\$0.50	
1665 Grandiflora Fringed. Each petal of these		
giant flowers is delicately fringed; all colors (1/16 oz., \$2.00)	.50	
1666 Monstrosus (Michell's). Large flower-	.50	
ing; a large number of the flowers are		
finely fringed; all colors mixed	1.00	
1669 Ruffled Giants. Enormous flowers finely		
ruffled and frilled at edges	.50	
1664 Dwarf Large Flowering Fringed (New).		
Large flowers of many colors. Per pkt.		
1667 Hender's English Strain. Orig. pkt. 40c.		
1663 Dwarf Inimitable. Of dwarf, compact		
habit; striped and blotched	.50	\$1.25
1668 Rosy Morn. Brilliant pink with white		
throat	.50	1.75
1662 Enchantress. Dwarf, flowers of many shades and colors	.50	2.00
And Snowhall Description white	.30	1.25
1673 Star. A beautiful variety; crimson ma-	.30	1.25
roon flowers, each having a distinct		
five-pointed white star	.50	1.50
1655 Adonis. Deep pink, white throat	.30	1.00
1672 Pepita. Fringed flowers of a rich deep		
scarlet, with a white border30	.50	
1674 Undine (New). Azure blue with lilac margin. Per pkt. 20c.		
1675 Choice Mixed	.25	.75
1677 Fine Mixed	.15	.50

PETUNIA—Double Flowering

One of our specialties; seeds will produce a large percentage of double flowers. The weaker seedlings should receive great care, as they produce the finest double flowers.

1661 Double Hybridized and Fringed Mixed. Superb colors and of mammoth size. Per 500 seeds, 75c.;

\$1.50 per 1000 seeds.

1659 **Double Fringed White.** Extra large. Per ½ trade pkt., 6oc.; \$1.00 per trade pkt.



Physostegia

PHYSOSTEGIA

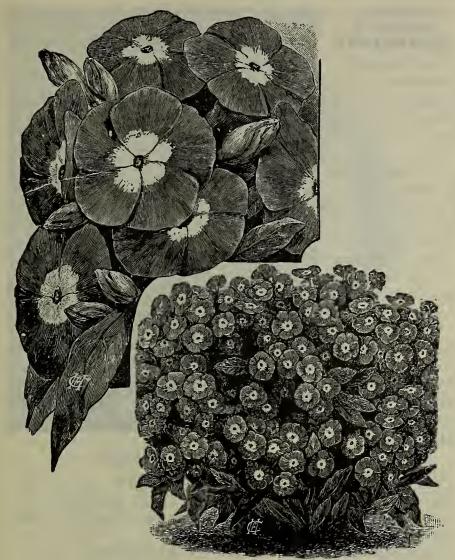
e tubular flowers. Trade Pkt. Oz.\$0.15 \$0.50 1733 Alba.



Double Fringed Fetunia

MICHELLS FLOWER SEEDS 518 PHILA.

½ Trade Trade Pkt. Oz.



Phlox Drummondii, Dwarf "Cecily" Strain

PHLOX DRUMMONDII DWARF OR COMPACT VARIETIES

1688 "Cecily." Large flowering mixed\$0.30	\$0.50	\$1.75
1690 Crimson with White Eye	.40	2.00
1692 Deep Scarlet	.40	2.00
1693 Fair Maid. Soft pink	.40	2.07
1694 Fireball. Brilliant scarlet	.40	1.75
1696 Pink	.40	1.75
1700 Snowball. Pure white	.40	1.75
1702 Violet with White Eye	.40	2.00
1704 Choicest Mixed	.40	1.25
PHLOX—GRANDIFLORA VARIETIES Tr	ade pkt	Oz.
1710 Alba. Pure white		\$0.75
1712 Coccinea. Scarlet		.75
1714 Pink	25	.75
1716 Stellata Splendens. Scarlet, with white eye		.75
1720 Choicest Mixed	20	.50
PHLOX-VARIOUS SORTS		•
1722 Fine Mixed	15	.40
1723 Double Mixed		I.25
1729 Star of Quedlinburg. Mixed	_	·75
1725 Hardy (Decussata). Choice mixed		1.25
PLATYCODON (Chinese Bell Flowe		
		.60
1735 Grandiflorum, Blue. Perennial	10	.60
1737 Japonicus Fl. Pl. Double blue	30	1.75
POLYANTHUS (Primula Elatior)		
		2,25
1738 Gold Laced. Very showy		2.25
1741 English. Single mixed	25	1.50



Orientale Poppies

POPPY DOUBLE ANNUAL VARIETIES

	Trade pk	t. Oz.
	Carnation Flowered. Mixed (1/4 lb. 25c.)	\$0.10
	Crimson King. Crimson\$0.10	.15
1747	Fairy Blush. White, fringed pink	.15
	Mikado (Striped Japanese)	.15
1753	Paeony Flowered, White	.15
1755	" Yellow	.15
1752	" " Scarlet	.15
1757	" Mixed (1/4 lb. 25c.)	.IO
1759	Shirley. Mixed colors	.15
	POPPY—SINGLE ANNUAL VARIETIES	
T 777	Shirley. Large flowers of many beautiful	
1//3	colors and shades (1/4 lb. 50c.)	.20
1761	Admiral (New). Pure white with scarlet edge .10	.30
	King Edward. Deep scarlet	1.00
	Danebrog. Scarlet with white spot	.15
	Maid of the Mist. White, fringed	.20
	Miss Sherwood. Chamois rose10	.25
	Tulip. Glowing scarlet	.40
	Umbrosum. Rich vermilion	.15.
-///		
	POPPY—PERENNIAL VARIETIES	
	Giant Scarlet	.25
	Iceland, Single Mixed	.50
1783	White	.60
1785	"Yellow	.60
1786	" Double Mixed	1.00
	Orientale. Deep scarlet	.50
1791	Mis. Ferry. Rich Samion pink 30	1.50
1789	Farkmann. Deep crimson30	2.00
1792	Psyche. Deficate rosy brush	2.00
1793	Thiby. Billiant led	1.00
1788	" Hybrids. Mixed colors	1.00
	PORTULACA	
1705	Double. Large flowering, mixed	1.25
1797	Single. Large flowering, mixed (1/4 lb. 60c.)10	.20



Michell's Prize Chinese Primula

MICHELL'S "DISTINCTIVE" PRIMROSES PRIMULA CHINENSIS

It is with no little amount of pride we offer this superb strain, grown for us exclusively by one of the best specialists in Europe. The plants are compact, individual and clusters of flowers immense, colors superb and mostly fringed petals. If you grow Primulas remember Michell's "Distinctive"

Quality is <i>the</i> best.	1 :	1/2 Trade	Trade
1819 Michell's Prize Mixture. An	Öz.	pkt.	pkt.
even blending of all colors		\$0.60	\$1.00
1805 Alba Magnifica. White	2.50	.60	1.00
1806 Chiswick Red. Bright red	2.50	.60	1.00
1808 Duchess. Large, white with			
zone of rosy carmine; yellow			
eye	2.50	.60	1.00
1807 Holborn Blue		.60	1.00
1809 Kermesina Splendens. Crimson		.60	1.00
1811 Rosy Morn. Pink	2.50	.60	1.00
1813 Sutton's Stellata (Star Prim-			
rose). Distinct strain of			
pyramidal growth and loose			
branches of flowers. Original			
pkts., 6oc.			
1815 Fern Leaved Mixed	1.50	.60	1.00

PRIMULA OBCONICA GIGANTEA

A great improvement over the old type; flowers much larger and produced in greater abundance. These are splendid pot plants and stay in bloom the entire winter.

		lepkt.
1831	Lilacina. Pale lilac	.\$0.50
1826	Rosea. Pink	50
	Kermesina. Deep crimson	
1835	Alba. White	50
	Hybrida Mixed	

PRIMULA OBCONICA GRANDIFLORA

1828 Grandiflora Compacta. Dwarf compact growing plants; flowers rosy lilac. Trade pkt. 50c.

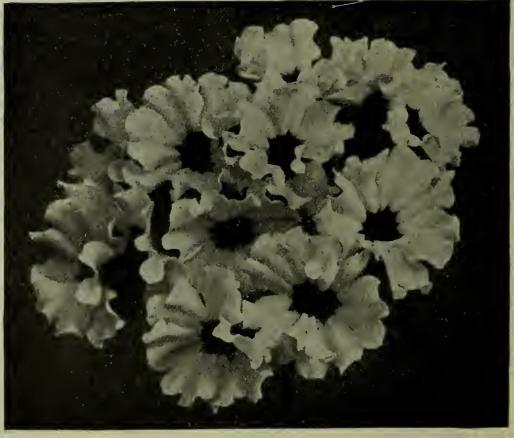
1830 Grandiflora
Fimbriata.
Fringed flowers;
mixed colors.
Trade pkt. 50c.

1837 Vesuvius. (New). Deep crimson. Trade pkt. 50c. 1833 Crispa (New). Large flowers, which are

(New). Large flowers, which are crisped or curled; color, from apple blossom pink to rose. Per pkt. 20c., 55c. per 3 pkts.



Primula Malacoides



Primula Obconica Grandiflora-Crispa

MICHELLS FLOWER SEEDS 518 P

PUERARIA (Kudzu Vine) Trade Pkt. Oz. 1855 Thunbergiana. Perennial climber; rosy purple pea-shaped flowers\$0.20 \$0.60



Pyrethrum "Aureum"

PY	RET	HRU	M
----	-----	-----	---

Trade Pkt. Oz.

FOLIAGE	SORTS	FOR	BEDDING	
 (C-11- T	2 17	37 11	C 11	Φ

1860 Aureum (Golden Feather). Yellow foliage\$0.10 1864 Selaginoides. Yellow fern-like foliage15	
PVRETHRIM-FLOWERING SORTS (Porental	1

	de Pkt.	
1862 Roseum. Pink	.20	1.50
1866 Uliginosum (Giant White Daisy)	.25	1.25
1868 Hybridum. Single mixed	.15	1.50
1869 " Double mixed (½ oz., \$1.50)	.50	
RHODANTHE (Everlasting Flower)		

1875 Mixed. Hardy annual ...



Ricinus Cambodgensis (Castor Oil Bean)

RICINUS (Castor Oil Bean)

There is always a good demand for these plants.		_
1885 Michell's Giant. A new hybrid of gigan-		
tic size; stems and stalks covered with Oz	. ¼ lb.	Lb.
a blue bloom; leaves dark brown\$0.2	5 \$0.75	
1880 Borboniensis. Green foliage; 15 feet1	0 .20	\$0.60
1882 Cambodgensis. Bronzy maroon; 5 feet .1	0 .25	-75
1884 Gibsoni. Dark red; 5 feet	0 .25	.75
1886 Philippiensis. Dark foliage; to feet1	0 .25	.75
1888 Sanguineus. Blood-red stalks; 8 feet1	0 .20	.50
1890 Zanzibariensis. Large; various colors;		
12 feet	0 .20	.50
1801 Mixed. All sorts	o .15	.40

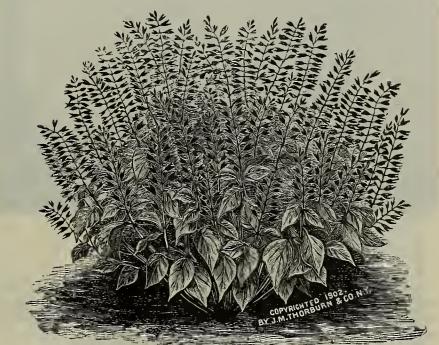
RUDBECKIA (Cone Flower) Trade Pkt	. Oz.
1900 Bicolor Superba. Yellow flowers, brown centre.\$0.10	\$0.30
1902 Newmani. Hardy perennial, yellow30	1.00
1904 Purpurea (Giant Purple Cone Flower). Hardy	•
perennial; reddish purple flowers	-75
SAINTPAULIA (African Violet)	

1910 Ionantha. Similar to violets in color and form.

Per pkt. 20c.

SALPIGLOSSIS

ve	ery snowy ann	uais; excellent for cutting.		
1912		Black, Yellow Veined		
1914	6.6	Carmine	.25	1.25
1916	66	Crimson	.25	1.25
1918	66	Pink		
1920	46	Choice Mixed	.20	.75
1922	66	Emperor. Choice mixed		



Salvia-Bonfire

SALVIA (Flowering Sage) Much of the Salvia we offer this year has been saved from specimen plants grown at our own grounds at Torresdale, Pa., under our own supervision. Seeds are plump, strong in germination and must give superior satisfaction. % Trade Trade 1941 Michell's Scarlet Glow (New). An im- Pkt. Pkt. provement on the Zurich; plants dwarf and compact; early flowering, with a mass of brilliant scarlet flowers\$0.30 \$0.50 \$3.50 1930 Bonfire. Medium dwarf, scarlet. This is .40 2.00 1928 Ball of Fire. Intensely scarlet, medium .50 2.50 1946 Zurich. Quite dwarf, intense scarlet flowers, much earlier than other sorts.. .30 .50 4.00 1944 **Splendens.** The popular sort, scarlet... .25 1.00 1937 King of Carpets. Plants are only 18 inches high and produces flowers right from bottom; color bright scarlet..... .30 .50 2.50 1931 Compacta Alba (New). Dwarf; flowers pure white. Per pkt. 25c. .50 3.50 1927 Azurea Grandiflora. Perennial, sky blue 2.00 SANVITALIA 1947 Procumbens Fl. Pl. Dwarf annual for edgings, vases or baskets; double yel-

low flowers

.15





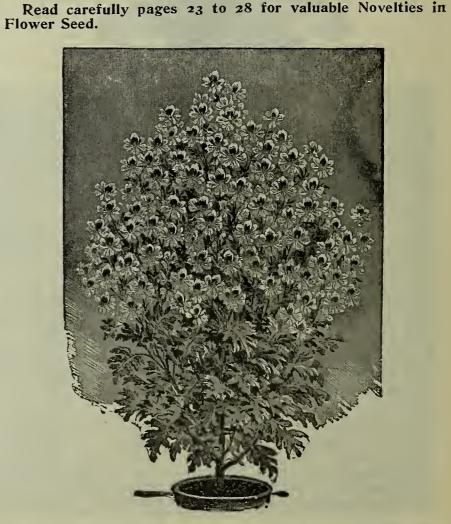
Scabiosa, Grandiflora

Scabiosa (Mourning Bride)

		e Pkt.	Oz.
1951	Grandiflora or Tall, Azure Fairy. Light blue \$0	0.15	\$0.75
1953	" " Fiery Scarlet	.15	.50
1954	" " Flesh Pink	.15	.50
1955	" " King of the Blacks. Deep	123	•50
-933	purple	.15	.50
TOCT	" " Pompadour. Deep maroon	•	_
1957		.15	.50
1959	Sulphur reliow	.15	.50
1961	white	.15	.50
1964	Choice Mixed	.10	-35
1962	Dwarf Double Mixed	.10	.20
1966	Othello. Dark purple	.15	.50
1950	Caucasica. Perennial; lilac	.30	1.50
1948	Alba. White	.40	ŭ
	Japonica. Perennial; lavender blue	.30	1.25
-2-3		.0 -	5
	Schizanthus (Butterfly Flower)		
×060		40	* 00
1900	Grahami Niveus. Pure white	,40	1.00
1970	Hybridus Grandiflorus. Dwarf, mixed	.30	1.00
	Wisetonensis. Various colors	.50	
1973	Aibus bridai veii (New).		
	Large, snowy white flowers.		
	Per pkt. 25c.		
1972	Mixed. All colors	.10	.15
	Committee Disease on		ŭ
	Sensitive Plant (Mimosa)		
1075	Pudica. Flowers pinkish white	.10	.25
-5/5			•=5
	SHASTA DAISY (See Chrysanthemum	1)	
	Shamrock		
0			
1978	True Irish	.25	.75
	Silene		
1980	Bonetti Dwarf Pink. Flowers bright pink	.10	.40
1982	Dwarf Golden Leaved. Pink flowers	.io	.40
1984	Double Dwarf White	.10	.30
	Smilax (Myrsiphyllum Asparagoides)		

1985 A desirable greenhouse climber of great value for floral decorations. Trade pkt. 10c., 30c. oz., 1/4 lb. \$1.00, \$3.00 lb. SNAPDRAGON (See Antirrhinum)

Solanum Trad	e Pkt.	Oz
1990 Capsicastrum (Jerusalem Cherry). Scarlet	O 1 11.00	02.
berries\$	0.10	\$0.25
berries\$ 1991 Fra Diavolo. Of dwarf, compact growth; leaves		,
and fruit smaller than above	.25	1.00
Statice (Everlasting Flower)		
1993 Latifolia. Perennial variety; large, deep blue		
flowers	.20	.75
1995 Suworowi. Annual variety; flowers pink	.15	.50
STIPA (See Grasses, page 40)		
Stevia		
2000 Serrata. Fragrant white flowers	.15	.75
Stokesia (Cornflower Aster)		
2055 Cyanea. A hardy perennial; each plant bearing		
20 to 30 lavender-blue flowers	.20	75
2057 Cyanea Alba. Pure white	.25	1.25
Sunflower (Hellanthus)		
Annual Varieties		
	7.0	
2070 Cucumerifolius. Single yellow	.10	.15
ers in a series of shades		•
from pink to purple. Per		
pkt. 15c.		
2072 Cut-and-Come-Again. Single yellow	.10	.30
2074 Double Globe. Rich yellow	.10	.15
2068 Chrysanthemum Flowered. Immense double	.10	.15
vellow flowers.	.10	.15
yellow flowers	.10	.15
2082 Perkeo. Dwarf vellow, black centre	.10	.30
2084 Polar Star. White, with black centre	.15	.60
2084 Polar Star. White, with black centre		
2088 Stella. Single yellow, black centre	.10	.20
2086 Russian. Large yellow, single		.05
Sunflower—Perennial Varieties		
2078 Golden Bouquet. Perennial; yellow	.20	1.00
2079 Choice Mixed. Single flowering	.30	1.25
Read carefully pages 23 to 28 for valuable No	velti	es in



Schizanthus—Wisetonensis

HELLS FLOWER SEEDS

MICHELL'S "DISTINCTIVE" STOCKS

For Easter and Decoration Day, Stocks are invaluable and are the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "distinctive" strains and have built up a reputation bar none. Our stocks are easily distinguished by their superior quality, strong germination, and a remarkably small percentage of single flowers. For Decoration Day, sow January 1st to February 20th.

MICHELL'S FLOWER MARKET STOCK

A branching stock of remarkable vigor of growth and size of bloom; produces its flowers evenly distributed over the stem and very early. A single plant can readily produce from 10 to 15 separate flower branches equally perfect. The type is of Cut-and-Come-Again, but much superior to what is usually known by that name. Our assortment of colors should satisfy the most critical grower.

½ Trade	Trade		½ Trade Trade
Pkt.	Pkt.	Oz.	Pkt. Pkt. Oz.
2053 Pure White\$0.30	\$0.50	\$3.00	2049 Dark Blue\$0.30 \$0.50 \$3.00
2051 Flesh Pink30			2048 Blood Red30 .50 3.00
2052 Rose Pink30			2054 Mixed Colors30 .50 2.50
* * * * * * * * * * * * * * * * * * * *	.50	3.00	•

MICHELL'S "DISTINCTIVE" COLUMN STOCK

Produces plants composed of one gigantic spike dressed with immense perfect double flowers. Plants can be set as close as 6 inches, allowing double the quantity of plants to a bench.

1/2	2 Trade Trade	3		½ Trade	Trade	
	Pkt. Pkt.	Oz.		Pkt.	Pkt.	Oz.
2027 Blood Red	.\$0.30 \$0.50	\$3.50	2028 White	\$0.30	\$0.50	\$3.50

MICHELL'S EARLY FLOWERING "NICE" STOCK

A branching stock of a different habit, less robust in growth but branches are literally covered with blooms which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain. The seed we offer comes direct from the originator, a thing of which we pride ourselves. A Trade Trade

comes direct from the originator, a thing of which we pride ourselves. 72 trade		
Pkt.	Pkt.	Oz.
2035 Beauty of Nice. Charming delicate pink, the most popular of all\$0.30	\$0.50	\$2.00
2038 Queen Alexandra. Delicate lavender	.50	2.50
2036 Crimson King. Deep red	.50	2.50
2034 Victoria. Pure white	.50	2.00
2041 Mme. Rivoire (New). Large double, pure white flowers	.50	3.00
2029 Abundance. Dwarf, spreading habit; color carmine-rose	.50	3.00
2040 La Brilliante (New). Double, large flowers; rich brilliant crimson .30	.50	3.00
2042 Midsummer Night (New). Deep, dark violet; large and double30	.50	3.00

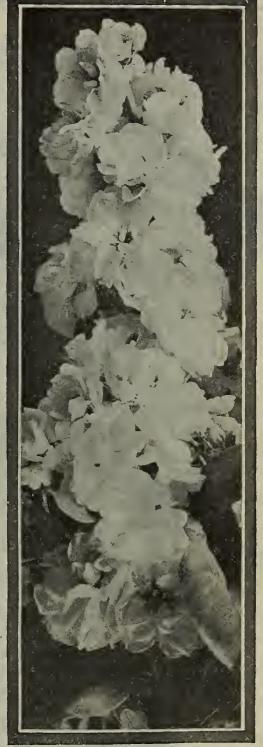
LARGE FLOWERING DWARF TEN WEEK STOCKS

		Trade Pkt.		½ Trade Trade Pkt. Pkt. Oz.
2010 Blood Red	0.25	\$0.40	\$2.50	2018 White\$0.25 \$0.40 \$2.50
2012 Light Blue	.25	.40	2.50	2020 Yellow
2014 Pink	.25	.40	2.50	2022 Mixed
2016 Purnle Violet	25	40	2.50	

Overbrook, Pa., Mar. 23, 1912. Gentlemen:

I am cutting the finest Stocks Beauty of Nice I ever saw: 95 per cent double flowers.





Flower Market Stock

.10



Beauty of Nice Stock

2025 V	Wallflower Leaved. Choice mixed	½ Trade Pkt. \$0.25	Pkt.	Oz. \$2.50
2037 F	Brompton, or Winter. Mixed	30	.50	2.50
2043 I	Princess Alice (Cut-and-Come-Again	n).		
	Of branching habit; pure white; exc	:el-		
	lent for cutting	30	.50	2.50
2031	New Pyramidal Stock, "Bismarch A splendid sort for cutting; immer pure white flowers are regularly ling along a colossal spike, often 30 including length, with many side shoots	nse ned hes	.50	3.00
2045 [New Winter Stock, "White Lady The plants throw up a massive cent spike, which branches freely in cand labra fashion; flowers large, double a of lustrous snowy white. Per pkt. 2	y.'' ral de- and		

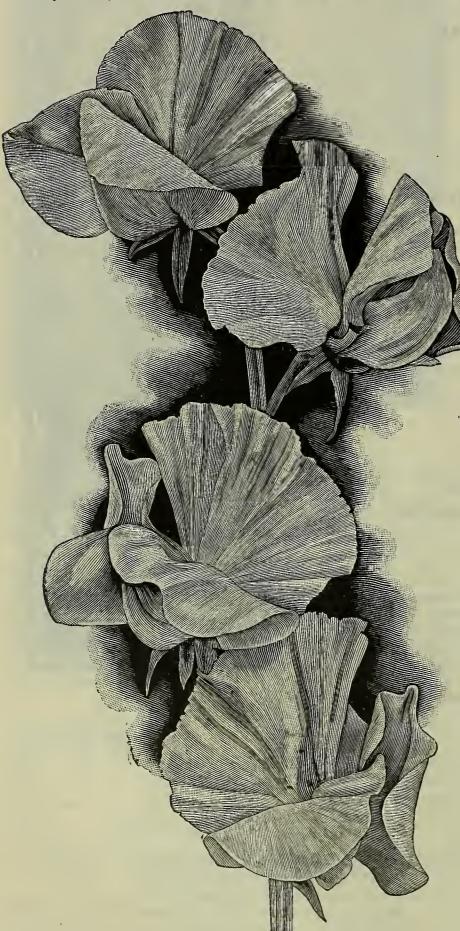
2047 Virginian. Mixed

STOCKS-Various Sorts

52 MICHELL'S "DISTINCTIVE" FLOWER SEEDS

Spencer or Orchid-Flowered Sweet Peas

The characteristics of this new type are: (1) Enormous flowers with wavy petals. (2) Invariably four flowers to the stem. (3) Stems averaging 12 to 15 inches in length. (4) Plant, foliage, stem and flower of extraordinarily robust health. Every variety listed here is of tried value, those of commercial preference are prefixed with *.



New Spencer Sweet Pea

Superb "Spencer" Mixture

Blended from only the Giant Waved Spencer varieties, including a number of new hybrids of exquisite colors and shades; we are sure this mixture will give absolute satisfaction.

Per oz. 15c., 40c. per 1/4 lb., per lb., \$1.35.

		Sweet Peas are wanted by mail, add &c.	per	lb. for	post-
	age.	White			
	27.48	Etta Dyke. Pure white\$	Oz.	¼ lb. \$0.50	Lb.
	220I	Mrs. Sankey Spencer. Black seeded,	0.15	φυ.50	\$1.75
	*2016	pure white	.15	.50	1.50
		White Spencer. Clear white	.15 .25	.40 .85	I.25 3.00
			J		
	*****	Light Pink Blanche Ferry Spencer. Pink and white	~~		
		Countess Spencer. Soft rose pink	.25	·75 ·50	2.50 1.75
	2143	Duplex Spencer. Large; beautiful			
	2144	cream pink Elfrida Pearson. Light pink, margined	.40	1.25	4.25
		with darker pink	.40	1.40	5.00
		Florence Morse Spencer. Delicate blush Gladys Unwin. Delicate pink	.20 .10	.60 .30	2.25 1.00
		Helen Lewis. Orange pink	.20	.60	2.00
		2187 Lovely Spencer. Deep pink, shading to blush	.25	·75	2.50
		2198 Mrs. Hugh Dickson. Salmon pink	3	., 3	
		on cream ground	.15	.50	1.75
-		pink	.25	.85	3.00
}	2246	Stirling Stent. Deep salmon, suffused with orange	.40	1.40	5.00
٠	2249	W. T. Hutchins. Apricot pink	.20	.60	2.00
		Deep Pink or Rose			
	*2000	Apple Blossom Spencer. Deep pink	.20	.60	2.00
	*2161	Geo. Herbert. Rose pink	.15	.50	1.50
	2189	Marie Corelli. Rich rose crimson	.25	.85	3.00
		Primrose or Light Yel	lov	W	
	2224	Primrose Spencer. Light yellow	.25	.75	2.50
		Lavender			
	*2100	Asta Ohn Spencer. Rich lavender	.25	.85	3.00
	*2155	Flora Norton Spencer. Light lavender.	.40	1.25	4.00
}	*2147	Florence Nightingale. Large; lavender Frank Dolby. Mauve lavender	.25 .15	.85 .40	3.00 1.25
Ì	2188	Margaret Madison. Light lavender or		.40	1.20
	2218	Tennant Spencer. Lavender	.60 .20	2.00 .60	2.00
	2240		.20	.00	2.00
		Blue and Purple			
	*2124	Captain of the Blues Spencer. Standard purple, wings blue	.20	.60	2.25
	2164	Irish Belle. Rich lilac flushed pink	.40	1.25	4.50
		Scarlet			
	*0160	George Stark. Bright scarlet	TF	50	I FO
	*2160	King Edward Spencer. Bright crimson	.15 .20	.50 .60	1.50 2.00
i	2229	Queen Alexandra. Bright scarlet	.25	.85	3.00
	2254		1.25	4.00	
		Maroon			
	2108	Black Knight Spencer. Deep maroon	.20	.60 .60	2.25
	2219	Othello Spencer. Deep maroon	.20	.00	2.25
		Striped and Flake	LIL.		
	2097	America Spencer. Red flakes on white ground	.20	.60	2.25
	2103	Aurora Spencer. White flaked salmon.	.20	.60	2.00
	2145	Ethel Roosevelt. Large; soft primrose, flaked with crimson	.20	.60	2.25
	2123	Charm. White, suffused blush pink	.60	2.00	2.23
	2215	Mrs. W. J. Unwin. White, flaked with orange scarlet	.40	1.50	5.50
	1	Orange Scarret	7-7-0	,_	5.50

Michell's Standard Sweet Peas

.60

.60

Separate Colors

The varieties we offer below have been selected from a large list and embrace only the very best large flowering sorts. Varieties marked * are the most desirable for florists.

For the convenience of our customers, we have arranged the different varieties according to color.

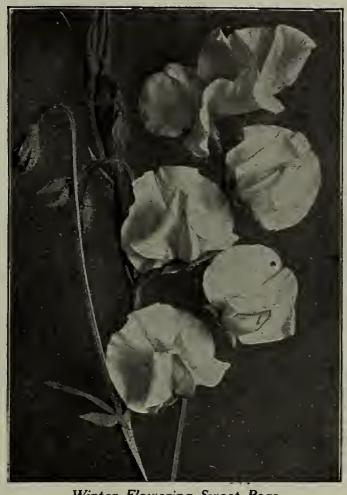
If wanted by mail, add 8 cents per lb. for postage.

White

2142 Duke of Westminster. Standard clear

*2214 Navy Blue. Deep violet blue	.07 .07	.20 .20	.6 .6
Maroon			
2105 Black Knight. Maroon* *2218 Othello. Very dark maroon	.10 .07	.25 .20	·7 .6
Striped and Mottled	l		
2095 America. Blood red, striped on white	.07	.20	.6
Sweet Peas in Mix	ture	2	
2258 Michell's Magnificent. Great care has been taken in making up this mixture, selecting the large flowering, long stemmed varieties, a large percentage of which are of the lighter colors and			
shades	.10	.25	•7
color and shade in sweet peas 2292 Cupid or Dwarf Varieties. Mixed colors	.07 .10	.20 .30	.6 1.0
		_	

For Spencer or Orchid Flowered Sweet Peas, see page 52



Winter Flowering Sweet Peas

Michell's Christmas or Winter Flowering **Sweet Peas**

Especially Adapted For Forcing

If wanted by mail, add 8 cts. per lb. for postage. This seed has been grown from originator's stock, and can be depended upon for excellent results.

2245 Michell's Snowdrift. Pure white; black

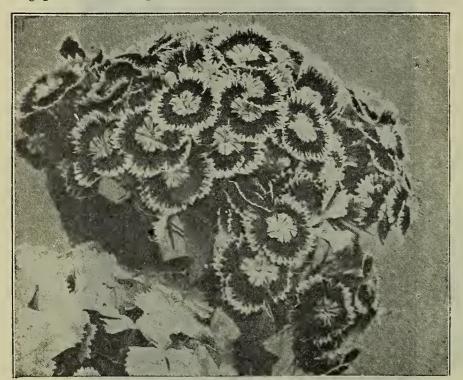
	adad: autra aprir: large farrare an	0	1 (11	T.
se	eded; extra early; large flowers on	Uz.	1/410.	Tp.
lo	ng stems\$	0.25	\$0.75	\$2.00
2114 Bla	nche Ferry (Extra Early). Pink and	5	7-75	
W]	nite	.IO	.25	.85
2127 Ch	istmas Pink. Pink and white	.15	.50	1.50
2129	" White	.15	.50	1.50
2126	" Meteor. Scarlet	.15	.50	1.50
2146 Ea 1	liest of All. Pink and white	.10	.25	.75
	Marquis. Large dark blue	.15	.50	1.50
2202 Mo	nt Blanc. Early; pure white	.10	.25	.85
2203 Mr	s. Alex. Wallace. Lavender	.15	.50	1.50
2206 Mr	s. Chas. H. Totty. Lavender	.15	.50	1.50
2207 Mr	s. Edie Wilde	.15	.50	1.50
	s. F. J. Delansky. Daybreak pink	.15	.50	1.50
	s. Geo. Lewis. Pure white	.15	.50	1.50
2213 Mr	s. William Sim. Salmon pink	.15	.50	1.50
2211 Mr	s. W. W. Smalley. Satin pink	.15	.50	1.50
2264 Mi	xed. Winter flowering	.15	.50	1.50

Zvolanek's Christmas or Winter Flowering **Sweet Peas**

2110012002	OL.	74 10.	130.
2127A Christmas Pink. Pink and white	.\$0.25	\$0.75	\$2.00
2129A " White (Florence Denzer).	25	.75	2.00
2126A " Meteor. Scarlet		-75	2.00
2174A Le Marquis. Dark blue		-75	2.00
2203A Mrs. Alex. Wallace. Lavender		.75	2.00
2206A Mrs. Chas. H. Totty. Lavender		.75	2.00
2210A Mrs. Geo. Lewis. Pure white		.75	2.00
2213A Mrs. William Sim. Salmon pink		.75	2.00
2211A Mrs. W. W. Smalley. Satin pink		.75	2.00
2253A Wallacea. Lavender		.90	3.00
2257A Watchung. Pure white		-75	2.00
2264A Mixed. Winter flowering	. ,25	-75	2.00



SWEET ROCKET (Hesperis) Tradepkt. Oz. 2300 Mixed. Perennial; purple and white......\$0.10 \$0.15 SWEET SULTAN (Centaurea Moschatus)



Single Sweet William

SWEET WILLIAM (Dianthus Barbatus)

	Tra	de pkt.	Oz.
2306	Single Crimson	\$0.10	\$0.30
2307	ii so a total to	.IO	.30
2308	// W	.IO	.30
2300	//	.Io	.30
2311	// www.d.A.	.IO	.30
	Single Mixed. All colors. 1/4 lb. 60c	.IO	.20
2313	Pink Beauty. Large flowers of salmon pink	.30	1.25
2315	Scarlet Beauty. Intense, rich deep scarlet	.40	2.00
	Auricula Flowered. Single mixed	.io	.40
	Double Mixed. All colors	.15	.50
23-4	TAGETES		
			7 0
2320	Golden Ring. Single, brown and yellow	.15	.50
	THUNBERGIA (Black-Eyed Susan)		
2226	Alata. Buff, dark eye	.15	.60
	Alba Oculata. White, dark eye	.15	.60
	Aurantiaca. Orange, dark eye	.15	.60
	Mixed	.15	.50
2320	TORENIA	.23	
2337	Fournieri Grandiflora. Blue	.30	2.00
	~ 'A		



Torenia, Fournieri Grandiflora

TRITOMA (Red Hot Poker Plant) Tradepkt Oz 2345 Uvaria Grandiflora. Orange scarlet........\$0.15 \$0.60 VALERIANA (Garden Heliotrope)



Michell's Mammoth Fancy Verbena

MICHELL'S VERBENAS

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors.

		- 17	
0055	Michell's Mammoth Fancy Blue	rade pkt.	
	" " " Dinte	. φυ. 30	\$1.25
2357	" " Pink	30	1.25
2359	Scarlet	30	1.25
2361	Striped	30	1.25
•2363	white	30	1.25
2365	wiixed	30	1.00
2367	New Giant Flowered Mixed. A new variet		
	of large size with extra large, white eyes		2.50
2368	Helen Willmott (New). Large flowers of		
	bright salmon rose, with white eye. Pe	er	
	pkt., 20c.		• • •
2354	Hybrida Compacta "Dornröschen" (New).	A	
	dwarf compact-growing variety; flowers whit	e,	
	with a soft carmine rose edge. Per pkt., 20	c.	
2366	Mammoth Choice Mixed		-75
2360	Fine Mixed	20	.60
	Lemon Scented (Aloysia Citriodora)		1.60
23/1	Lemon Scented (1110)310 Circle avia) 11111111	50	2.00
	VERONICA (Speedwell)		
	VERUNICA (Speedwell)		
A	showy, hardy perennial border plant.		
2373	Spicata. Blue	25	.75
	Virginica. White		1.60
23/4	Y II SIMION THE MICE STATE OF THE STATE OF T	. 3	



VINCA

An excellent bedding plant; seed should be sown ear	rlv
Trade pk	
2375 Alba. White, with rose centre\$0.1	5 \$0.50
. (A II D D - 1.'-	
2370 Alba Pura. Pure wnite	
	5 .50
	.40
VIOLA CORNUTA (Tufted Pansies)	
2385 Admiration. Dark blue	25 1.50
2386 Lutea Splendens. Clear yellow	25 1.00
	25 1.25
2387 Perfection. Light blue	5 1.50
OO 3378 94 TO 6 49 TO 1 ".	25 1.50
2389 G. Wermig (New). Of the identical color of	
the "Princess of Wales" Violet. Per pkt. 15c.	
VIOLET (Sweet Scented)	
C: 1 DI C	30 I.50
	30 1.50
2204 Single Mixed	
2394 Single Mixed	30 1.25



Single Wallflower

WALL FLOWER Trad	e pkt.	Oz.
2400 Double Brown(1/4 oz. 75c.)	.40	
2402 Double Yellow (¼ oz. 75c.)	.40	
2404 Double Mixed	.30	2.00
2408 Single Mixed	.IO	.15
Paris Extra Early. Single flowering; blooms the		
first year from seed.		
2407 Blood Red	.15	.60
2409 Yellow	.15	.50
2406 Mixed. All colors	.IO	.25
XERANTHEMUM (Everlasting Flowe	r)	

.30

2420 Double Mixed. Annual, for winter bouquets... .10



New Giant Robusta Zinnias

MICHELL'S "DISTINCTIVE" ZINNIAS

We claim perfection	n in form, size and color fo	r our stra	ain of
Zinnas, as those who	grow them will attest.	Trade pkt.	Oz.
	imson		\$0.40
	nk		.40
2443 " " Sc	arlet		.40
2444 " " W	hite		.40
	ellow		.40
2448 " " M:	ixed	IO	.30
2430 Dwarf Double	Jacqueminot, Crimson		.50
	Pink		.50
	Salmon Rose		.50
2434 " "	White		.50
	Scarlet		.50
	Yellow	IO	.50
2438 " " .	Mixed		.40
ROBU	STA OR GIANT ZINNIAS	5	
Flowers of immense	e size and perfectly double.		\$1.50
Flowers of immense 2470 Scarlet	e size and perfectly double.	\$0.40	\$1.50 1.50
Flowers of immense 2470 Scarlet 2473 White	e size and perfectly double.	\$0.40	
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow	e size and perfectly double.	\$0.40	1.50
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow 2466 Crimson	e size and perfectly double.	\$0.40	1.50 1.50
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow 2466 Crimson 2467 Flesh Color	e size and perfectly double.	\$0.40	1.50 1.50 1.50
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow 2466 Crimson 2467 Flesh Color 2469 Purple	e size and perfectly double.	\$0.40	1.50 1.50 1.50 1.50
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow 2466 Crimson 2467 Flesh Color 2469 Purple 2471 Sulphur Yellow	e size and perfectly double.	\$0.404040404040	1.50 1.50 1.50 1.50 1.50
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow 2466 Crimson 2467 Flesh Color 2469 Purple 2471 Sulphur Yellow 2472 Violet	e size and perfectly double.	\$0.40 40 40 40 40 40	1.50 1.50 1.50 1.50 1.50 1.50
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow 2466 Crimson 2467 Flesh Color 2469 Purple 2471 Sulphur Yellow 2472 Violet 2454 Choicest Mixed	e size and perfectly double. Trade pkt. 20c., 60c. per oz	\$0.40 40 40 40 40 40	1.50 1.50 1.50 1.50 1.50 1.50
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow 2466 Crimson 2467 Flesh Color 2469 Purple 2471 Sulphur Yellow 2472 Violet 2454 Choicest Mixed	. Trade pkt. 20c., 60c. per oz	\$0.40 40 40 40 40 40 40	1.50 1.50 1.50 1.50 1.50 1.50
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow 2466 Crimson 2467 Flesh Color 2469 Purple 2471 Sulphur Yellow 2472 Violet 2454 Choicest Mixed 2453 Red Riding H	. Trade pkt. 20c., 60c. per oz VARIOUS ZINNIAS	\$0.40 40 40 40 40 40 40 z.	1.50 1.50 1.50 1.50 1.50 1.50 1.50
Flowers of immense 2470 Scarlet 2473 White 2468 Golden Yellow 2466 Crimson 2467 Flesh Color 2469 Purple 2471 Sulphur Yellow 2472 Violet 2454 Choicest Mixed 2453 Red Riding H fectly double;	Trade pkt. 20c., 60c. per of VARIOUS ZINNIAS [ood. Miniature flowers, color, bright scarlet	\$0.40 40 40 40 40 40 40 z.	1.50 1.50 1.50 1.50 1.50 1.50 1.50
Flowers of immense 2470 Scarlet	. Trade pkt. 20c., 60c. per oz VARIOUS ZINNIAS	\$0.40 40 40 40 40 40 40 z.	1.50 1.50 1.50 1.50 1.50 1.50 1.50

MIXED OR WILD FLOWER GARDEN SEEDS

A mixture containing nearly 100 varieties of easy growing Oz. and interesting flowers. (Per lb. \$1.00).....\$0.10

Michell's Summer Flowering Bulbs, Etc., for Florists





Fancy Leaved Caladium Bulbs

(Ready in March)

Aguape. One of the grandest. Vivid red, transparent. Alfred Mame. Velvety red. Dr. Augusto de Castro. Red, white and green. Hermione. Rosy-red, ribs bright red, green border. John Peed. Glowing red centre, narrow green border. L'Automne. Creamy-white, transparent bluish spots. Marie Carola (New). Golden green, spotted red, suffused yellow. Marmoratum (Alocasia

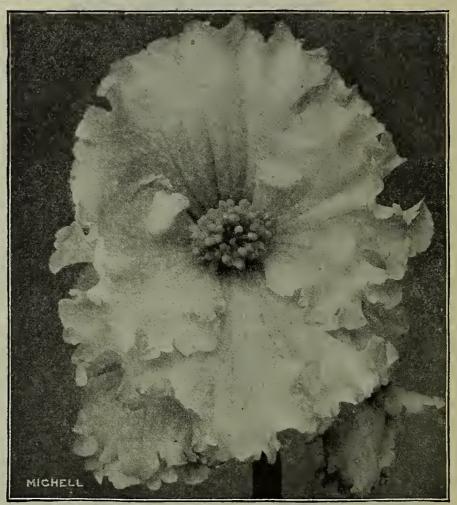
Marmoratum (Alocasia Puezli). Glaucous green, with white spots.

Stephen Girard. Green, marbled white, red ribs. Rare.

Triguara. Entirely red, with bronze reflections, ribs brilliant red. White Flag. White.

The above named rare sorts, 20c. each, doz. \$2.00, 100 \$14.00. **Mixed Varieties.** 15c. each, doz. \$1.65, \$11.00 per 100.

NOTE. We guarantee the safe arrival of all bulbs shipped during the winter months if sent by Express. Freight and Boat Shipments of bulbs are very risky during cold weather and can be forwarded this way at customer's risk only.



Tuberous Rooted Begonia, Frilled or Crispa Type

Begonia Bulbs—(Tuberous Rooted)

Very choicest giant flowering type. Extra large bulbs. The past year we made some extensive trials of strains of tuberous rooted Begonias and are convinced that ours cannot be surpassed.

rooted begoings and are convinced that ours e		00 000	9
SINGLE	Doz.	100	1000
Orange	\$0.40	\$2.50	\$22.00
Scarlet	.40	2.50	22.00
Pink	.40	2.50	22.00
White	.40	2.50	22.00
Yellow	.40	2.50	22.00
Mixed	.30	2.25	20.00
DOUBLE	Doz.	100	1000
Crimson	\$0.65	\$4.00	\$35.00
Scarlet	.65	4.00	35.00
Scarlet Pink	.65 .65	4.00	35.00 35.00
Pink	.65	4.00	35.00
Pink White	.65 .65	4.00 4.00	35.00 35.00

New Frilled Begonia (See Cut Above)

A beautiful crested type, producing very large single flowers. The above cut, which was reproduced from an actual bloom, will convey some idea of its beauty. 100 1000 \$6.00 \$50.00 Orange Scarlet 6.00 50.00 6.00 50.00 6.00 50.00 Yellow 50.00 6.00 40,00 Mixed

Named Tuberous Begonias

	Each	Doz.	100
Lafayette. Brilliant crimson, double\$	0.15	\$1.50	\$10.00
Graf Zeppelin. Double; vermilion scarlet	.12	1.25	9.00
Bertini. Brilliant vermilion, single	.ro	1.00	7.50
Cardinal. Rich cardinal red	.20	1.75	12.50

MICHELL'S (Home Grown) Thrifty CANNA ROOTS

Our Roots are extra strong, with plenty of eyes, are clean and absolutely true to name. They will be found far superior to the cheap southern-grown stock which cannot be relied upon for trueness to name. Our Cannas are all true to name. When ordering please state if immediate shipment is desired; also if we shall send via express or freight. This stock is grown by ourselves at Evergreen Seed Gardens on especially prepared soil and is in extra fine shape.

Newer Varieties of Special Merit

Brilliant. Pure golden yellow with tongues of fiery red. 75c.

doz., per 100 \$5.00, \$40.00 per 1000.

Comte de Sachs. Clear crimson scarlet, carried well above the

foliage; a fine sort. 75c. doz., per 100 \$4.00, \$32.50 per 1000.

Gladio=Flora. Petals short and rounded, overlapping each other; a new form; color, crimson, changing to deep rose, with an uneven edge of gold to each petal. Height, 3½ feet. \$1.50 doz., per 100 \$10.00, \$90.00 per 1000.

Halley's Comet. Blazing scarlet, with a yellow throat, margined yellow. \$1.50 doz., \$10.00 per 100, \$90.00 per 1000.

Minnehaha. Wavy petals of immense size form a fantastic flower which is resplendent in colors only known to orchids:

flower which is resplendent in colors only known to orchids; seashell pink, deepening to gold and cream, with a centre of peach blow. 3 feet; foliage green. \$1.00 doz., \$6.00 per 100,

\$50.00 per 1000.

Mrs. Alfred F. Conard. Salmon pink; very fine, large truss and

flowers. \$2.25 doz., per 100 \$16.00, \$150.00 per 1000.

Pink Beauty of Hungaria. An especially fine salmon pink. claimed to be an improvement on Mrs. Alfred F. Conard; heavy, massive green foliage and gigantic flower truss. 3 feet. \$2.50 doz., per 100 \$16.00, \$150.00 per 1000.

Rosea Gigantea. Rich rose pink, a monster flower, an advance both in color and size. To appreciate the beauty of this novelty one must see it; words, no matter how eloquent, cannot do it justice. It is a coming winner. Height, 3½ feet; foliage green. \$1.25 doz., per 100 \$8.50, \$80.00 per 1000.

Venus. Gay rose pink, with a mottled border of creamy yellow;

green foliage. 60c. doz., \$4.00 per 100, \$37.50 per 1000. Wawa. Fine pink, growing 3 feet high. 85c. doz., \$6.00 per 100,

Crimson and Red Shades

Orange Scarlet Shade King Humbert. Bronze foliage, orange red, 4 feet. (Stock very scarce.) Mrs. Kate Gray. Orange scarlet, green fol-	0.50 .60 .60 .50 .75 .50 .60 .75		1000 \$25.00 30.00 32.50 25.00 32.50 30.00 27.50 40.00 37.50 27.50 50.00
iage, 4 feet; very showy	.50	3.00	27.50
Pink Shades			
Hiawatha. Rosy pink, variegated foliage	.60	3.50	32.50
Mad. Berat. Brilliant rose pink, very fine Minnehaha. Seashell pink, deepening to	.60	3.00	27.50
gold, peach blow centre Pink Beauty of Hungaria. Soft salmon			50.00
rose, 3 feet.			150.00
Wawa. Extra fine pink, 3 feet	.85		50.00
Venus. Rosy pink, bordered yellow	.60		37.50
Rosea Gigantea. Rich rose pink	1.25	8.50	
Mrs. Alfred F. Conard. Soft salmon pink	2.25	10.00	150.00



Gladiolflora

Scarlet Edged Yellow Varieties

Gladio Flora. Crimson, changing to rose,	Doz.	100	1000
each petal edged gold	\$1.50	\$10.00	\$90.00
Halley's Comet. Blazing scarlet, with a yel-			
low throat, edged yellow		10.00	90.00
Italia. Scarlet, broadly edged yellow, 6 feet	.50	3.25	30.00
Mme. Crozy. Scarlet, bordered golden	.50	2.75	25.00
Niagara. Rich crimson, edged gold	.60	4.00	37.50
Queen Charlotte. Crimson, with wide gold			
border, 3 feet	.60	3.25	30.00
Spotted Varieties			
Brilliant. Pure golden yellow, striped red	·75	5.00	40.00
Florence Vaughan. Yellow, spotted red, 4 ft.	.40	2.75	25.00
Gladiator. Yellow, spotted red	.6o	3.50	32.50
Yellow Varieties			
Alsace. Pale sulphur, changing to cream	.50	2.75	25.00
Austria. Deep golden yellow, 6 feet	.50	3.25	30.00
Gustave Gumpper (New). Rich yellow; very	-5-	00	0
fine, 4 feet	2.50	16.00	150.00
Richard Wallace. The finest commercial	J -		
light yellow canna, 4 feet	.60	3:25	30.00
Foliage Cannas			
Black Beauty (Improved). A foliage variety,			
bronzy purple leaves, 6 feet high	-75	5.00	40.00
Musa Folia. A broad green foliage variety,			
6 feet	.60	4.00	0.0
Robusta Perfecta. Bronze foliage, 6 feet	.40	2.75	25.00
Mixtures			
Dwarf French Mixed	.40	2.50	20.00
Tall Sorts Mixed	.40	2.50	

58 Michell's Summer Flowering Bulbs, etc., for Florists

Caladium, Esculentum Bulbs

			Doz.	100	1000
Mammoth.	II to I	2 in. cir.	\$1.35	\$10.00	\$92.50
First Size.	9 to 1	ı in. "	85	6.00	52.50
Second "	7 to	9 in. "	50	3.50	30.00
Third "	5 to	7 in. "	30	2.00	16.00

Callas

Spotted Foliage. White flower\$0.60	100 \$4.00
Black	6.00
Elliottiana. Yelloweach 20c. 2.00	15.00

Cinnamon Vine

Extra Strong Tubers. 40c. per doz.; per 100, \$3.00.

Cycas Revoluta

Strong Healthy Stems. (Ready in March.) 25 lbs., \$2.25; \$8.50 per 100 lbs., 300 lbs. for \$24.00.

Hyacinthus

Candicans. White flowering; very desirable for planting in borders. Doz. 35c., \$2.50 per 100.



Gloxinias Bulbs Giant Flowering Strain

	Doz.	100	1000
Red and Scarlet	\$0.60	\$3.25	\$30.00
Blue	.60	3.25	30.00
Scarlet Bordered White	.60	3.25	30.00
Blue Bordered White	.60	3.25	30.00
White Spotted Scarlet	.60	3.25	30.00
White	.60	3.25	30.00
Choicest Mixed	.50	3.00	27.50
Waterloo. Deep purple, bordered carmine	1.25	9.00	, 5
Meteor. Carmine, edged white	1.25	9.00	
Graf Zeppelin. Carmine, fringed	1.25	9.00	
Nixe. White, bordered blue	1.00	7.50	
Marienthaler Kind. Deep crimson, bordered			
rose		7.50	

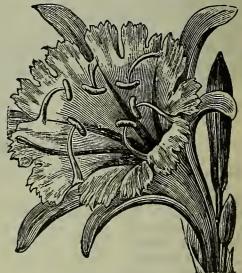
For full description of all bulbs and plants offered in this book, consult our Retail Catalog. Mailed free.

6 Bulbs of any one variety at dozen rates; 25 at 100 rates; 250 at 1000 rates.

One of the choicest of our summer flowering bulbs, blooming profusely during the entire season, flowers a beautiful waxy white and deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for summer funeral work are equal to lilies. Giant bulbs 10c. each, per doz. 90c., \$6.50 per 100 (see opposite cut).

Japanese Fern Balls (Dormant)

A very attractive novelty. Finds a ready sale when in foliage.





Japanese Fern Ball (in foliage)

Michell's Superb Dahlias (Strong Roots)

Our trade among Florists for high-class Dahlias for cut flowers has increased to such proportions that we made extensive preparations for further increase of business in this line. We send out only strong, field-grown roots, which will make heavy plants. If you require anything in this line, you will find our prices right for the quality supplied. We do not handle small divided roots, such as are usually handled in the mail order trade. As the season advances our stock of roots in certain varieties becomes exhausted. In such cases we will send out (unless instructed to the contrary) beginning in May, sturdy plants. These invariably give splendid satisfaction. These varieties have been selected from a long list, on account of their being especially suitable for cut-flower purposes.



Cactus Dahlia Pink Pearl **CACTUS VARIETIES**

50

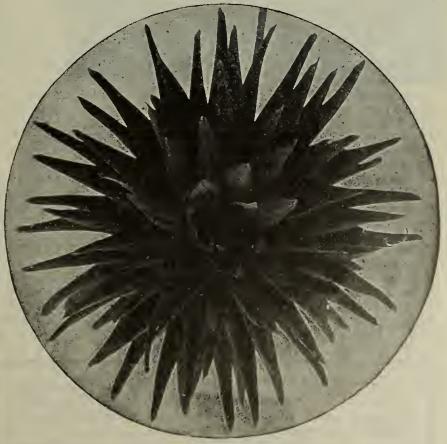
6.00

Alpha. White, spotted and flushed pink\$1.15	\$4.25	\$6.50
Amos Perry. Rich bright scarlet 1.15	4.25	6.50
Atlanta. Large, bright rich red 1.15	4.25	6.50
Britannia. Deep salmon 1.15	4.25	6.00
Burbank. Brilliant dazzling scarlet 1.15	4.25	6.00
Clara J. Stredwick. Salmon flush, shaded	1. 0	-
darker 1.00	3.75	6.00
Cocatoo. Lemon yellow, shaded rose, with	3.73	0,00
pure white centre petals; sometimes entirely		
yellow and white	4.25	6.50
Comet. Silvery rose, speckled and splashed	4.23	0.50
crimson 1.15	4.25	6.50
Comrade. Fawn colored		6.00
Country Girl. Deep golden yellow, shaded sal-	3.75	0.00
	4.0	5 00
mon rose I.25	4.25	7.00
Countess of Lounsdale. Amber and salmon		(
pink I.15	4.25	6.00
Floradora. Dark velvety crimson 1.00	3.75	6.00
F. H. Chapman. Yellow, shaded deep orange 1.15	4.25	6.50
F. A. Wellesley. Bright crimson 1.15	4.25	6.50
Galliard. Scarlet crimson 1.00	3.75	6.00
General Buller. Velvety maroon tipped white 1.15	4.25	6.00
H. F. Robertson. Pure deep yellow 1.15	4.25	6.50
Island Queen. Soft lavender pink 1.00	3.75	6.00
J. B. Briant. Golden yellow, changing to		

Special Note.—On account of the low prices we have made on Dahlias no order for less than 6 of a kind will be supplied at dozen rates quoted in this catalogue. Such orders will be priced from our retail list at a discount of 20% from rateil prices: 27 Dahlias of a variety in this catalogue. retail prices; 25 Dahlias of a variety in this catalogue will be priced at the 50 rate, and not less than 100 of a kind will be supplied at the 100 rate quoted in this catalogue; 75 will be priced at the pro rata rate for 50.

soft yellow 1.00

Doz	. 50	100
J. H. Jackson. Deep rich maroon\$1.15		\$6.50
Keynes White. Fine pure white	4.25	6.50
Kriemhielde. Pink, white centre		6.50
Leuchtfeuer. Bright blood red		6.00
Libelle. A distinct shade of purple 1.3		7.50
Lovely. Violet rose, shaded white 2.00		10.00
Mabel Tullock. Soft rosy pink 1.00	_	6.00
Mary Farnsworth. Pure vellow, tipped white 1.15	0,0	6.00
Mary Service. Yellow and salmon, suffused	4-5	
lavender 1.00	3.75	6.00
Master Carl. Bright amber		8.00
Mrs. De Luca. Golden yellow, tipped orange 1.15		6.50
Mrs. Edward Mawley. Pale lemon yellow 1.15	4.25	6.00
Mrs. H. J. Jones. Red, striped white 1.25	4.25	7.00
Mrs. James P. Mace. Light pink 1.00	3.75	6.00
Mrs. Freeman Thomas. Clear yellow, shaded		
lighter 1.15		6.00
Osprey. Yellow, striped scarlet 1.00	0.75	6.00
Prince of Yellows. Rich canary yellow 1.00		6.00
Princess. Clear rose pink		6.00
Queen Alexandra. Soft salmon, suffused pink 1.00		6.00
Rene Cayeux. Rich blood red 2.75		16.50
Roland von Berlin. Bright scarlet 1.25		7.00
Rosine. A pleasing shade of pink 1.13		6.50 8.00
Ruth Forbes. Clear pink		6.00
Spotless Queen. Pure white		6.00
Standard Bearer. Bright scarlet		6.00
Standard Bearer. Bright scarlet 1.00 Strahlen Krone. Intense cardinal red 1.15	0,0	6.00
T. A. Havemeyer. Deep yellow, changing to	4.23	0.00
bronze	5.25	7.50
The Pilot. Rich velvety crimson 1.00		6.00
Thuringia. Fiery red 1.00		6.00
Uncle Tom. Very dark maroon 1.15		6.00
Victor v. Scheffel. Deep rose pink 1.15		6.00
Volker. Clear canary yellow 1.15		6.00
Winsome. Clear ivory white 1.00	3.75	6.00



Cactus Dahlia J. H. Jackson

Michell's Superb Dahlias for Florists

(EXTRA STRONG ROOTS)



Show or Double Dahlia Dorothy Peacock

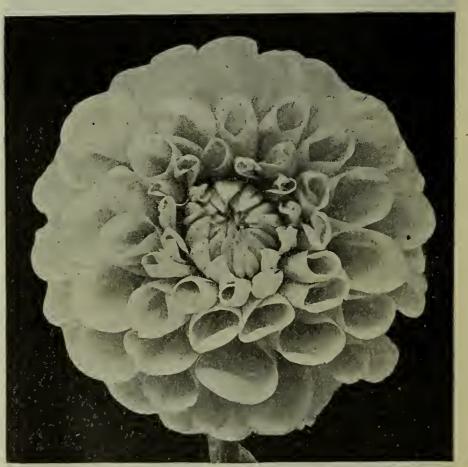
Decorative Varieties

Per doz.	Per 50	Per 100
Admiral Dewey, Brilliant purple \$1.10	\$3.75	\$6.00
Augusta Nonin. Clear scarlet	5.25	9.00
Beauty of Brentwood. Plum, striped maroon 1.10	3.50	6.00
Black Beauty. Dark velvety maroon 1.10	3.75	6.00
C. W. Bruton. Canary yellow 1.10	3.50	6.00
Catharine Duer. Crimson scarlet 1.10	3.75	6.00
Claribel. Bright purple 1.10	3.50	6.00
Delice. Brilliant pink 2.00	6.25	11.00
Denver. Yellow, shaded red 1.10	3.50	6.00
Dr. Gates. Exquisite pink 1.10	3.75	6.50
Eureka. Clear rose	3.75	6.50
Flora. Pure white	3.75	7.00
Frank L. Bassett. Bright purple 1.10	3.75	7.00
Henry Patrick. Pure white 1.10	3.75	7.00
Jack Rose. Rich crimson	3.50	6.00
Jumbo. Deep scarlet	3.50	6.00
Kaiserin Augusta Victoria. Pure white 1.50	4.50	8.00
La France. Rose pink	3.75	6.50
Lyndhurst. Bright scarlet 1.10	3.75	7.00
Mad. Van den Dael. Shell pink 1.50	5.00	8.50
Maid of Kent. Red, tipped white 1.10	3.50	6.00
Marchioness of Bute	3.50	6.00
Mephisto. Vermillion scarlet	3.50	6.00
Miss Minnie McCullough. Yellow, shaded		- 00
bronze 1.10 Miss Nellie Stewart White sheded pink 1.10	3.75	7.00
Miss Nellie Stewart. White, shaded pink 1.10 Mrs. Chas. Turner. Canary yellow 1.10	3.75	7.00
Mrs. Chas. Turner. Canary yellow 1.10 Mrs. Winters. Pure white 1.10	3.50	6.00
Orange King. Rich orange	3.50	6.00
Salmon Queen. Soft salmon	3.50 3.50	6.00
Souvenir de Gustave Doazon. Red 1.50	5.25	9.00
Sylvia. White, shaded pink	3.75	7.00
Wm. Agnew. Scarlet	3.50	6.00
Yellow Duke. Canary yellow	4.50	8.50
Yellow Colosse. Clear yellow	5.25	9.00
Zulu. Maroon ,, 1.10	3.50	6.00

Our retail catalogue contains a long list of standard and newer Dahlias. A copy will be sent on request. Our special catalogue on Dahlias, Cannas and Gladiolus will also be found of interest. Order Dahlia Roots Early. Each season some customers are disappointed by not being able to get roots. This is caused by waiting too long before placing their orders. Stock of some sorts is frequently exhausted as early as March. Orders for Dahlia roots received of a variety, which stock is exhausted, will be filled in strong, thrifty plants about May 1st, unless advised to the contrary. Dahlia plants give splendid satisfaction.

Double or Show Varieties

Agent. Soft pink\$1.10 \$3.75 \$6.50	•
A. D. Livoni. Soft pink	О
Alice Emily. Rich yellow	О
Arabella. Pale primrose	О
Beauty. Snow white 1.10 3.50 6.00	0
Camellia Alba. Dwarf, pure white 1.10 3.50 6.50	0
Carol. White, tinted pink 1.10 3.75 6.5	0
Chas. Lanier. Amber, shaded buff 2.00 6.25 11.00	0
Dorothy Peacock. Pink, white centre 2.75 8.75 15.00	0
Frank Smith. Purple and red 1.75 6.00 12.0	
Jamaica. Purple, shaded maroon 1.10 3.50 6.00	0
James Vick. Rich plum 1.10 3.75 6.5	0
Lemon Beauty I.IO 3.75 6.5	0
Miss Dodd. Yellow 1.10 3.50 6.0	0
Mrs. Langtry. Cream, peach and purple 1.10 3.75 6.5	0
Paul's Scarlet. Light scarlet 1.10 3.50 6.00	
Queen of Yellows. Clear yellow 1.10 3.50 6.0	
Queen Victoria. Deep yellow 1.10 3.75 6.5	
Red Hussar. Scarlet crimson 1.10 3.50 6.0	0
White Swan. Snow white	0



Show Dahlia Red Hussar

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Michell's Superb Dahlias for Florists (Extra Strong Roots) 61



Dahlia Delice (See page 60)

Pagony	Florword	l Dahlias
Paeony	riowered	ı Dannas

D D	oz. 50	100
Germania. Dark velvety wine color\$1	.10 \$3.75	\$6.50
Herzog Heinrich. Beautiful light red	.10 3.50	6.00
King Leopold. Creamy white and yellow	.50 5.25	9.00
Paul Kruger. Striped, white and red	.50 5.25	9.00
Queen Emma. Rich pink	.10 3.50	6.00
Queen Wilhelmina. Finest pure white I	.10 3.75	6.50
Fancy Dahlias		
Elois. Blush pink, shaded white	.10 3.75	7.00
Frank Goodman. Rich purple, tipped white	.10 3.50	
Keystone. Pink, striped crimson	.10 3.50	
Lucy Fawcett. Yellow, spotted rose	.50 4.50	
Mrs. Stancombe. Light yellow, suffused amber I	.10 3.50	_
Progress. Soft rose, spotted crimson	.10 3.50	
Penelope. White, flaked lavender	.10 3.75	
Uncertainty. Varies from white, marbled blush and	.10 3.73	0.50
carmine to crimson maroon	.50 4.50	8.00
	0 10	- 00
Single and Century Dahlias		
Amy Barrilet. Rich garnet	.10 3.75	7.00
Big Chief. Cherry red, edged maroon	.10 3.75	7.00
Gaillardia. Golden yellow	.10 3.75	7.00
Gorgeous. Fiery scarlet		7.00
	.50 4.50	
	.10 3.75	7.00
Striking. Maroon, tipped white	.10 3.75	7.00
White Perfection. Pure white	.75 8.75	
Yellow Century. Buttercup yellow		7.00
Twentieth Century. Rosy crimson and white		7.00
Variegated Liszt. Dark red, shaded bronze	.10 3.75	7.00

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Pompon Dahlias

Doz.	50	100
Alewine. White, flushed pink\$1.10	\$3.75	\$7.00
Allie Maurey. Light pink, tipped-		
deeper pink 1.10	3.75	7.00
Fairy Queen. Sulphur yellow, edged		
peach 1.10	3.75	7.00
Indian Chief. Crimson 1.10	3.75	7.00
La Petite Jean. Rich crimson 1.10	3.75	7.00
Philip Freud. Orange salmon 1.10	3.75	7.00
Snowclad. Pure white 1.10	3.75	7.00
Splendens Imbricata. Bright red 1.10	3.75	7.00

If you are interested, ask for our complete catalogue of Dahlias. Cannas and Gladiolus.



Paeony Flowered Dahlia

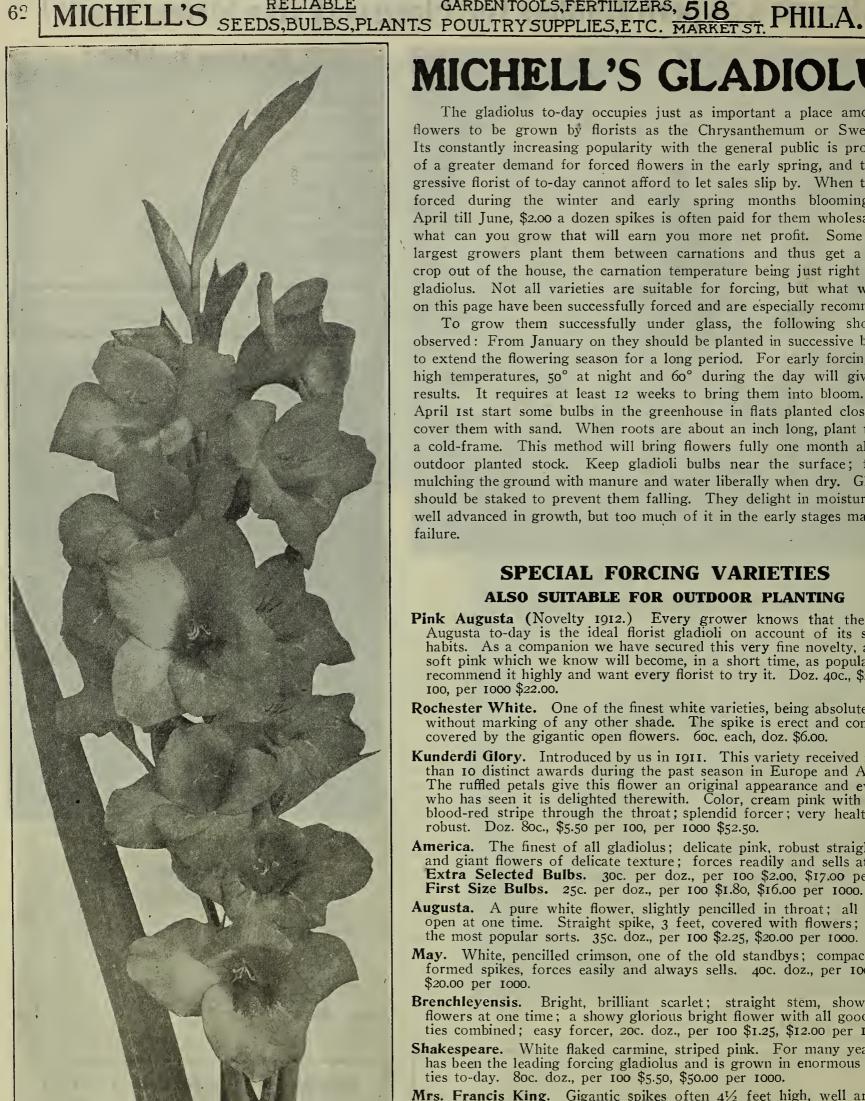
Dahlias

Mixed and to Color (Our Selection)

		Doz.	100
Double	White	.\$0.85	\$6.00
46	Pink	85	6.00
66	Red	85	6.00
6.6	Yellow	85	6.00
4.6	Mixed, all colors	So	5.50
Single	Mixed, all colors	80	5.50
Cactus.	all colors	80	5.50

Dahlia and Vegetable Exhibit

On September 24, 25, 26 and 27, 1914, we will hold our Sixth Annual Exhibition. This is an interesting event in Philadelphia.



Gladiolus Mrs. Francis King

MICHELL'S GLADIOLUS

The gladiolus to-day occupies just as important a place among cut flowers to be grown by florists as the Chrysanthemum or Sweet Pea. Its constantly increasing popularity with the general public is productive of a greater demand for forced flowers in the early spring, and the progressive florist of to-day cannot afford to let sales slip by. When they are forced during the winter and early spring months blooming from April till June, \$2.00 a dozen spikes is often paid for them wholesale, and what can you grow that will earn you more net profit. Some of the largest growers plant them between carnations and thus get a double crop out of the house, the carnation temperature being just right for the gladiolus. Not all varieties are suitable for forcing, but what we offer on this page have been successfully forced and are especially recommended.

To grow them successfully under glass, the following should be observed: From January on they should be planted in successive batches; to extend the flowering season for a long period. For early forcing avoid high temperatures, 50° at night and 60° during the day will give good results. It requires at least 12 weeks to bring them into bloom. After April 1st start some bulbs in the greenhouse in flats planted closely and cover them with sand. When roots are about an inch long, plant them in a cold-frame. This method will bring flowers fully one month ahead of outdoor planted stock. Keep gladioli bulbs near the surface; feed by mulching the ground with manure and water liberally when dry. Gladiolus should be staked to prevent them falling. They delight in moisture when well advanced in growth, but too much of it in the early stages may mean failure.

SPECIAL FORCING VARIETIES ALSO SUITABLE FOR OUTDOOR PLANTING

Pink Augusta (Novelty 1912.) Every grower knows that the White Augusta to-day is the ideal florist gladioli on account of its splendid habits. As a companion we have secured this very fine novelty, a lovely soft pink which we know will become, in a short time, as popular. We recommend it highly and want every florist to try it. Doz. 40c., \$2.75 per 100, per 1000 \$22.00.

Rochester White. One of the finest white varieties, being absolutely pure without marking of any other shade. The spike is erect and completely covered by the gigantic open flowers. 60c. each, doz. \$6.00.

Kunderdi Glory. Introduced by us in 1911. This variety received not less than 10 distinct awards during the past season in Europe and America. The ruffled petals give this flower an original appearance and everyone who has seen it is delighted therewith. Color, cream pink with a faint blood-red stripe through the throat; splendid forcer; very healthy and robust. Doz. 80c., \$5.50 per 100, per 1000 \$52.50.

America. The finest of all gladiolus; delicate pink, robust straight stem and giant flowers of delicate texture; forces readily and sells at sight; Extra Selected Bulbs. 30c. per doz., per 100 \$2.00, \$17.00 per 1000. First Size Bulbs. 25c. per doz., per 100 \$1.80, \$16.00 per 1000.

Augusta. A pure white flower, slightly pencilled in throat; all flowers open at one time. Straight spike, 3 feet, covered with flowers; one of the most popular sorts. 35c. doz., per 100 \$2.25, \$20.00 per 1000.

May. White, pencilled crimson, one of the old standbys; compact, wellformed spikes, forces easily and always sells. 40c. doz., per 100 \$2.25,

Brenchleyensis. Bright, brilliant scarlet; straight stem, showing all flowers at one time; a showy glorious bright flower with all good qualities combined; easy forcer, 20c. doz., per 100 \$1.25, \$12.00 per 1000.

Shakespeare. White flaked carmine, striped pink. For many years this has been the leading forcing gladiolus and is grown in enormous quantities to-day. 80c. doz., per 100 \$5.50, \$50.00 per 1000.

Mrs. Francis King. Gigantic spikes often 41/2 feet high, well arranged with enormous flowers of the most brilliant soft scarlet. A splendid forcer and a color that sells readily. Doz. 40c., \$2.25 per 100, per 1000 \$17.50.

Wm. Falconer. The most pleasing shade of light pink, flowers are very open, extremely large with many of them showing at one time. Doz. 75c., \$6.00 per 100, \$50.00 per 1000.

MICHELL'S GLADIOLUS, Etc. Large Heavy Blooming Size Bulbs

Named Varieties (Continued)

Attraction. Enormous flower, deep rich crimson with which blotch in throat. Doz.

50c., \$3.50 per 100, \$32.50 per 1000.

Baron Hulot. Rich deep indigo blue, the only true blue variety. Doz. 75c., \$4.50 per 100, \$38.00 per 1000.

Canary Bird. Soft light yellow, giant flowers. Doz. 75c., \$5.50 per 100, \$50.00 per 1000. Cardinal. Intense cardinal red; spike and flower perfect. Doz. \$1.25, \$8.50 per 100, \$82.50 per 1000.

Contrast. Color intense scarlet with distinct pure white centre. Doz. \$3.50, \$25.00

Dawn (Groff's). Peachblow pink, gigantic flowers. Doz. \$6.00, \$45.00 per 100. Eugene Scribe. Beautiful tender rose, shaded deeper. Doz. 60c., \$4.50 per 100, \$42.50.

Europe (New). Gigantic flowers of purest white without a trace of any other color. Spike averages 25 blossoms. It has received highest awards at every exhibition

where shown. \$6.00 doz., per 100 \$45.00.

Geo. Paul. Rich crimson, heavy bloomer. Doz. 70c., \$4.50 per 100, \$42.50 per 1000.

I. S. Hendrickson. Mottling of pink and white. Doz. 70c., \$5.00 per 100, per 1000

Jean Dieulafoy. Cream white, red blotched. Doz. \$1.25, \$8.00 per 100, \$75.00 per

Kate. Blush white, crimson throat. Doz. 50c., \$3.75 per 100, per 1000 \$33.50. Klondyke. Primrose, blotched crimson in throat. Doz. 50c., \$3.00 per 100, \$26.00

La Luna (Groff's). Primrose yellow, shaded cream white. Doz. \$4.50, \$35.00 per 100 Lemon Drop. Light yellow, with a bright yellow throat. 70c. per doz., per 100 \$5.00, \$45.00 per 1000.

Mephistopheles. Bright red, marked yellow. Doz. \$1.00, \$7.00 per 100, per 1000

Mrs. Frank Pendleton, Jr. Without a doubt this is the finest of the bright colored gladiolus. The flower resembles a gigantic gloxinia and makes a show hard to describe. A rich, delicate salmon pink, blotched rich maroon. \$4.00 doz.,

Nezinscott. Bright blood red with velvety blotches, mottled white. 75c. per doz.,

per 100 \$5.50, \$50.00 per 1000.

Niagara (New). A shade of rich cream combined with canary yellow. The form and habit of this variety is exactly like America, except that the spike grows taller.

Doz. \$2.00, \$15.00 per 100. **Panama** (New). Fully equal of America and superseding it in

color, which is more on the order of salmon pink. 40c. each, doz. \$3.75, \$27.50 per 100.

Peace (New). A grand pure white flower with just a slight marking of a lilac feather on the lower petal. The plant is very robust, 5 feet high and shows the enormous flowers well placed all along the stem. "Peace" flowers mid-season and late, when the best of other gladiolus are gone. Doz. \$1.50, \$10.00 per 100, \$90.00 per 1000.

Primulinus. Canary yellow, very distinct. Doz. \$1.50, \$10.00

Primulinus Major Hybrids. Various shades of yellow. Doz. 85c., \$6.00 per 100.

Princeps. A giant gladiolus, dazzling scarlet. Doz. 70c., \$5.00 per 100, \$45.00 per 1000.

Rosella. Delicate pink, white throat. Doz. 85c., \$6.00 per 100,

\$57.50 per 1000. Scarsdale. Lavender, very fine. 85c. per doz., \$6.00 per 100, \$50.00 per 1000.

Scribe. Large spike, enormous flower, rose flaked carmine tinted white. 75c. per doz., per 100 \$5.00, \$45.00 per 1000.

Sulphur King. Exquisite sulphur yellow. Doz. \$1.75, \$12.50

per 100. Sunlight. Crimson with canary yellow throat. Doz. 60c., \$3.50

per 100, \$32.50 per 1000. **Taconic.** Pink, flecked and striped crimson. Doz. 80c., \$6.00 per

100, \$52.50 per 1000. Victory. Sulphur yellow, blotched maroon. Doz. 80c., \$5.00 per

100, \$47.50 per 1000. Wild Rose. Delicate pink. Doz. \$1.00, \$7.00 per 100, \$65.00

UNNAMED GLADIOLUS (Separate Colors) 1000 Pink and Rose.....\$0.25 \$14.00 12.50 20.00 20.00 1.75 15.00 35.00



Gladiolus America (See opposite page)

MIXTURES OF GLADIOLUS	Doz.	100	1000
Childsii Mammoth Flowering. All colors	50.30	\$2.00	\$17.50
Choice Mixed	.18	1.00	9.00
Extra Choice Mixed	.20	1.10	10.00
Groff's New Hybrids, Extra Fine Mixed	.25	1.50	13.50
Lemoine's Type Mixture. All colors	.25	1.50	13.50
Michell's Giant Flowering Mixture	.25	1.75	15.00

GOLD MEDAL STRAIN MIXTURES (To Color)

Section 1. Finest shades of red, scarlet and crimson. Doz.

75c., \$6.00 per 100.

Section 2. Finest shades of yellow, delicate pink, rose and white. Doz. \$1.00, \$8.00 per 100.

Section 3. All shades of blue, heliotrope, mauve and lilac. Doz. \$1.50, \$10.50 per 100.

SILVER MEDAL STRAIN MIXTURES (To Color)

Section 1. Red, scarlet and crimson, fine types. Doz. 30c., \$2.00 per 100. Section 2. Yellow, white and light shade strains. Doz. 60c., \$3.50 per 100.
Section 3. Lilac, heliotrope, light and dark blue. Doz. 65c., \$4.50 per 100.

Gloxinia Bulbs

Large, plump bulbs which will make fine specimen plants. The named varieties produce gigantic flowers in rich shades of color. \$9.00 Meteor. Carmine, edged white. 1.25
Nixe. White, bordered blue. 1.00
Waterloo. Deep purple. 1.25
Doz. 100 9.00 7.50 Bordered Scarlet. \$0.60 \$3.25
Bordered Blue .60 3.25
Blue .60 3.25
Red and Scarlet .60 3.25 \$30.00 30.00 30.00 30.00 30.00 White . 3.25 30.00 27.50



Lil. Auratum

Hardy Lilies

Hardy Lilies are now planted by many florists. They bloom outdoors in July and August and are extremely useful for decorative purposes. The Auratum, Album and Rubrum are excellent for forcing.

JAPANESE VARIETIES

Auratum (Golden Banded Lily). Enormous flowers, pure white ground spotted brown with yellow striped petals.

Bulbs Per Case Doz. 100 8 to 9 inches.... 225 \$0.90 \$5.50 \$50.00 9 to 11 inches.... 125 1.35 9.00 85.00 Album (Præcox). Pure white. 1000 8.25 77.25 8 to 9 inches..... 225 1.25 9 to 11 inches..... 125 1.75 12.50 120.00 Magnificum. Deep pink, spotted crimson. 8 to 9 inches..... 225 .80 5.50 8.25 9 to 11 inches..... 125 1.25 77.50 Melpomene. Deep pink, spotted dark red. 5.50 8.50 8 to 9 inches..... 225 .80 9 to 11 inches.... 125 Rubrum or Roseum. Beautiful pink, spotted crimson. 1000 Doz. 100 8 to 9 inches..... 225 5.50 .8o 50.00 9 to 11 inches..... 125 1.35 8.25 LILIUM TIGRINUM (Tiger Lily)

Orange, spotted brown 1000 Single (Imported bulbs)\$0.80 \$5.50 \$50.00 Double (Imported bulbs) 1.00 55.00 NATIVE LILIES Doz. 100 Canadense Bright yellow....\$0.75 Canadense Rubrum. Crimson, \$5.25 spotted black ... 10.50 Elegans Painted Chief. Bright 8.00 red I.25 Elegans Leonard Joerg. Apri-9.00 cot pink . Hansoni. Reddish orange.... 3.75 Henryi. Orange yellow..... 6.00 45.00 5.50 Superbum. Orange red...... .85 Tenuifolium. Brilliant scarlet. 1.00 Umbellatum. Orange scarlet. .85



Cold Storage Lily of the Valley

For a number of years we have made a specialty of this, and our strains are reputed to be among the finest. We have them packed in convenient quantities as noted below. Cold Storage Valley is shipped by express, unless otherwise instructed, when it must travel at purchaser's risk.

Michell's Fancy Giant Flowering. This invariably produces 15 or more large bells on long spikes, when properly grown.

Delivery January to June 30th

Per 100\$2.50	Per 1000\$17.50
Per 250 4.75	Per 2000 34.00
Per 500 9.00	

Delivery July 1st to December 31st

Per	100	.\$2.75	Per	1000	\$18.00
Per	250	. 5.00	Per	2000	35.00
Per	500	. 9.50			

LILY OF THE VALLEY CLUMPS

For outside planting, stock is usually exhausted after May 15th. \$2.00 per doz., per 100 \$15.00, \$140.00 per 1000.



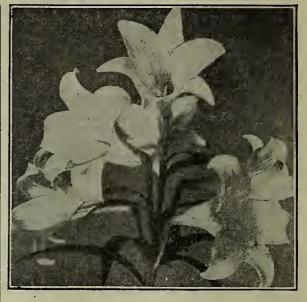
Tuberoses

Our Tuberose bulbs are all hand selected and may be depended upon to bloom.

Mammoth Pearl.

Double pure white. First size bulbs, doz. 20c., \$1.00 per 100, \$9.00 per 1000.

30.00 Variegated Leaved. Doz. 100 1000
45.00 Double white\$0.25 \$1.50 \$12.00
5.50 Albino. Single white25 1.50 12.00
When ordering Tuberoses please state
when shipment is desired.



Cold Storage Lilies

For forcing in all seasons, they bloom in 12 to 14 weeks. Every progressive florist should, from time to time, force a batch of these, as they are money-makers.

Important Note.—Always unpack immediately all cold storage Lilies on arrival. We forward these bulbs by express; if desired by freight, they travel at purchaser's risk

Headquarters For Cold Storage LILIUM GIGANTEUM

For delivery during 1914

Size	No. of Bulbs per Case	Per 100	Per Case	Per 1000
6-8	350	\$6.50	\$18.50	\$52.50
7-9	250	8.50	17.50	70.00
7-9	300	8.50	21.00	70.00
8-10	200	9.50	18.0 0	85.00
9-10	200	13.50	24.00	115.00

OTHER LILIES FROM COLD STORAGE

	Inch	Bulbs Per Case	100	Case
Roseum	8-9	225	\$7.25	\$16.00
	9-11	125	10.75	13.25
Magnificum	8-9	225	7.25	16.00
	9-11	125	10.75	13.25
Melpomene	8-9	225	7.25	16.00
	9-11	125	10.75	13.25
Album	8-9	225	10.75	23.50

Mexican or Madeira Vine

Doz. 100 1000 Strong Roots or Tubers \$0.30 \$2.00 \$17.50

Oxalis (Summer Flowering)

			E	oz.	100	1000
	Deppi. Wi Lasiandra.	nite	\$c	0.10	\$0.75	\$6.00
l	Lasiandra.	Pink		.10	.75	6.00

ZEPHYRANTHES (See Amaryllis (Page 56)

New Carnations, Chrysanthemums and Roses

A very large grower in Connecticut has undertaken to grow most all of the stock offered on this page. His reputation has no equal in the United States for quality. All shipments are made direct from his establishment under our name, so to insure receiving them promptly and in first-class condition. This class of stock is shipped by express only. It is all offered subject to being unsold when your order is received. 6 of a variety at dozen rate, 25 at 100 rate, 250 at 1000 rate.

Carnations

(Strong Rooted Cuttings, ready after January 1st)



Carnation Gorgeous

variety, named after our home city, originated in Detroit. It is a cross between Beacon and Winona, combining all the good qualities of both and yet excels each of them. The color is a true rose pink, a shade which shows up wonder-fully well under ar-tificial light. The tificial light. flowers average 31/2 to 4 inches in diameter. It is the stiffest and longest stemmed variety in existence to-day. It is absolutely non-splitting and of an exceptionally strong constitution, of won-derful root action, which means vigor and an ability produce, and of continuous flowers hit Our orders flowering are filled by the originator, whose

prices we quote, so in buying from us you are procuring your stock from first hands. Strong, vigorous-rooted cuttings, ready after January 1st. \$2.00 per doz., 25 for \$3.50, \$12.00 per 100, \$100.00 per 1000. 250 at 1000 rate. Doz.

Princess Dagmar. Rich dark crimson.\$2.00 \$12.00 \$100 Gloria. The brightest pink in existence. 2.00 10.00 Gorgeous. Brilliant crimson, suffused vermilion, shaded rose on the outer

Novelty Chrysanthemums

Indian Summer. This variety is a sport from Golden Chadwick originating in 1911. This has been grown in large quantity to make certain that the odd color is in demand, and we have satisfied ourselves that there is a demand for Indian Summer from those who know how to use flowers. Being a sport of Chadwick, the habit and growth being identical, there is no necessity for enlarging upon the success of the variety from the growing standpoint. In color the groundwork is yellow, but into this is blended the terra cotta and salmon shades with a tinge of bronze. Plants from 21/4-inch pots, 50c. each, \$5.00 per doz., \$35.00 per 100. No rooted cuttings of this novelty.

Greystone. A seedling from Brutus and Soleil d'Octobre, and most beautiful golden bronze in color. The specimen plant shown at the Museum of Natural History at New York carried one thousand blooms of large size, and was the finest specimen ever exhibited. Plants from 21/4-inch pots, 50c. each, \$5.00 per doz., \$35.00 per 100. No rooted cuttings will be sold

New Roses

Killarney Brilliant. A sport from Killarney grown in the open ground in England. Killarney was introduced in 1898 and since then there have been so many sports that Killarney has developed into a type rather than a variety. Messrs. Alexander Dickson & Sons, the original introducers, are to be congratulated, sixteen years after the adventor Killarney, in giving us now this distinct novelty which is undoubtedly the best of all varieties of this type. Killarney Brilliant has the same habit of growth and the same freedom of bloom as its parent, while the flower is twice as large, having 25 to 40 full-sized petals. It will be as useful for summer blooming as for winter forcing. The color is a very brilliant pink and varies like Killarney; in bright weather it is almost crimson, and in dull weather it is as bright as Killarney at its best. The sale of Killarney Brilliant a year before its introduction has been larger than any other Rose ever sent out in this country.

Mme. Edouard Herriot. This variety does not need a wide description. It is already known by having won at the International in May, 1912, the Daily Mail Cup, also the Gold Medal at the National Rose Society on May 1, 1913. It is a hardy plant with ample bronzy-green foliage, buds coral red, shaded yellow at the base, mid-sized flower, not too full. A superb coral red in color, shades of yellow and rose de carthame, passing to shripp red passing to shrimp red.

Willowmere. Vigorous plant with strong branches, foliage clear green; long bud borne on a strong peduncle, coral-carmine red; very large flower, full, cup-shaped, of a rich shrimp red shaded yellow in the center, with extremity of the petals carmine rose. Said to represent an advance on Lyon Rose.

Prices of any of the above new Roses for 1914

Grafted, 21/4 inch, 75c each, \$6.00 per doz., \$35.00 per 100, \$300.00

No own root plants sold of the above named varieties.

Milady. The habit of growth is strong and sturdy and foliage excellent. The flower is large and double and opens perfectly at all seasons of the year. In color it is similar to Richmond, although richer in color in the bud. In form of flower and fragrance it resembles Gen. Jacqueminot and combines with this excellent color, strong growth, great productiveness and wonderful keeping qualities, which strongly recommend the variety as an excellent forcing Rose.

Grafted, 21/4 inch, \$2.25 per doz., \$17.50 per 100, per 1000 \$150.00. Own root, 21/4 inch, \$1.75 per doz., \$12.00 per 100, per 1000 \$100.00. Mrs. Chas. Russell. A strong-growing, free-flowering Rose. With one pinching makes stems four to five feet in length.

The foliage is heavy and leathery, inclined to slightly curl on the older wood, is almost mildew proof and never drops the leaves. The bud is fully as large as American Beauty but longer and pointed, and opens into a flower of unusual beauty. The color is a bright rose pink, deeper toward the center. Is a remarkable keeper and shipper.

Grafted, 21/4 inch, \$2.25 per doz., \$17.50 per 100, per 1000 \$150.00. Own root, 21/4 inch, \$1.75 per doz., \$12.00 per 100, per 1000 \$100.00. Mrs. George Shawyer. Brilliant rose pink in color. Flowers large, well formed, fairly full; petals of good substance. Growth is tall and stiff and carries heavy, leathery foliage. From the point of production and quality of bloom this Rose is recognized as one of our best forcing varieties.

Grafted, 21/4 inch, \$2.25 per doz., \$17.50 per 100, per 1000 \$150.00. Own root, 21/4 inch, \$1.75 per doz., \$12.00 per 100, per 1000 \$100.00. Sunburst. In color, orange-copper or golden yellow. Very intense shades and brilliant in coloring. It is a strong-growing variety and belongs in the class with big Roses. The foliage and stem are excellent. Owing to the fact that Sunburst has not been a general success grafted, we are offering the variety on its own roots only. on its own roots only.

Own root, 21/4 inch, \$1.75 per doz., \$12.00 per 100, per 1000 \$100.00.

6 of any one variety at dozen rate, 25 at 100 rate, 250 of a variety at 1000 rate.

Michell's Greenhouse and Bedding Plants

Most of the stock on this page is produced for us by an extensive grower in Connecticut, from whose place we make shipments direct to you. His reputation stands unequaled for quality stock.

STANDARD CARNATIONS

(Strong Rooted Cuttings)

(Strong Rooted Cuttings)						
Enchantress Supreme. It is a light salmon pink, w	hich en-					
dures exposure to the sun without bleaching. \$1.00						
\$6.00 per 100, \$50.00 per 1000. Doz. 100						
Beacon. The best scarlet variety\$0.60 \$3.5						
Benora. The best variegated ever introduced.	10					
Color cream white, beautifully penciled with						
bright red	0 30.00					
Eureka. Scarlet seedling from Beacon60 3.5	_					
Octoroon. Bright crimson in color	· ·					
White Wonder. Large pure white60 3.5	_					
Enchantress. Standard shell pink	_					
May Day. An excellent light pink	•					
Mrs. C. W. Ward. Pleasing shade of pink,						
slightly lighter than Mrs. Lawson	0 25.00					
Rosette. A dark pink carnation	0 25.00					
White Enchantress. The pure white strain .60 3.0	_					
White Perfection. Perfection of bloom60 3.0						
White Winsor. A pure white sport of Win-						
sor	0 25.00					
	0 25.00					
Note.—Plants of Carnations can be supplied at an advance						
over price of rooted cuttings, as follows: From 21/4-inch pots,						
50c. per doz.; \$2.00 per 100; 25 at the 100 rate;	250 of a					
variety at the 1000 rate; 6 of a variety at dozen rate.						
Note.—No order for less than 6 of a kind will be fill	ed at the					

Note.—No order for less than 6 of a kind will be filled at the prices quoted on this page. For smaller quantities see our Retail Catalogue, from which prices we will allow a discount of 10%.

CHRYSANTHEMUMS Exhibition Sorts

		EDCUT			POT PL	
Annie E. Angus. Pure	Doz.	100	1000	Doz.	100	1000
white				\$2.00	\$15.00	
Christy Mathewson.	,			7-10-	,	
· Pure white\$	0.60	\$3.00	\$25.00	.85	4.00	\$37.50
F. E. Nash. Light pink	.60	3.00	25.00	.85	4.00	37.50
Col. Appleton. Yellow	.60	3.00	25.00	.85	4.00	37.50
F. S. Vallis. Yellow						
dwarf	.60	3.00	25.00	.85	4.00	37.50
Glenview. Deep bronze	.60	3.00	25.00	.85	4.00	37.50
Harry E. Converse.				2.00	15.00	
Crimson	.60	3.00	25.00	.85	4.00	37.50
Lady Hopetoun. Light	60	2.00	OF 00	.85	4.00	05.50
pink Delicate	.60	3.00	25.00	.05	4.00	37.50
pink	.60	3.00	25.00	.85	4.00	37.50
Mary Donellan. Golden	.00	3.00	25.00	.03	4.00	37.50
yellow	.60	3.00	25.00	.85	4.00	37.50
Mary Mason. Rosy	100	3.00	23.00	1.05	7.00	37.30
bronze	.60	3.00	25.00	.85	4.00	37.50
M. Louiseau Rousseau.		ŭ			·	0, 0
Pink	.60	3.00	25.00	.85	4.00	37.50
Mrs. Gilbert Drabble.						,
Pure white				2.00	15.00	
Mrs. J. E. Dunne. Sal-	_			0-		
mon	.60	3.00	25.00	.85	4.00	37.50
Pockett's Crimson	.60	3.00	25.00	.85	4.00	37.50
William Duckham. Light pink	.60	2.00	25.00	.85	4.00	27.50
William Turner. Pure	.00	3.00	25.00	.05	4.00	37.50
white	.60	3.00	25.00	.85	4.00	37.50
Wells' Late Pink.	.00	3.00	25.00	.05	7.00	37.30
Clear pink	.60	3.00	25.00	.85	4.00	37.50
CHIPS/C A RITER		TIBAC				

CHRYSANTHEMUMS Commercial Sorts

PINK	ROOTE	D CUI	TTINGS		POT PI	ANTS
PINK	Doz.	100	1000	Doz.	100	1000
Chadwick Supreme		\$3.00	\$25.00	\$0.85	\$4.00	\$30.00
Dr. Enguehard	60	2.00	17.50	.75	3.00	25.00
Helen Frick	60	3.00	20.00	.85	4.00	30.00
Pacific Supreme	60	2.00	17.50	.75	3.00	25.00
Unaka	60	3.00	20.00	.85	4.00	30.00
Winter Cheer	60	3.00	20.00	.85	4.00	30.00
W. R. Brock	60	3.00	20.00	.85	4.00	30.00
We can supply also a	ll other	pink	varieties.			

Commercial Chrysanthemums (Continued) RED

	ROOT	ED CUI			POT PL	
	Doz.	100	1000	Doz.	100	1000
Cullingfordii	\$0.60	\$3.00	\$20.00	\$0.85	\$4.00	\$30.00
Harvard	.60	3.00	20.00	.85	4.00	30.00
Intensity	.60	3.00	20.00	.85	4.00	30.00
	V	HITE				
Chadwick Improved	.60	3.00	25.00	.85	4.00	30.00
Chas. Raser	.60	3.00	20.00	.85	4.00	30.00
Early Snow	.60	3.00	20.00	.85	4.00	30.00
Elise Papworth	.60	3.00	20.00	.85	4.00	30.00
Lynnwood Hall	.60	3.00	20.00	.85	4.00	30.00
Smith's Advance	.60	2.00	17.50	·75	3.00	25.00
Timothy Eaton	.60	3.00	20.00	.85	4.00	30.00
W. H. Chadwick	.60	3.00	25.00	.85	4.00	30.00
White Bonnaffon	.60	3.00	20.00	.85	4.00	30.00
White Helen Frick	.60	3.00	20.00	.85	4.00	30.00
We also can do all ot	her w	hite va	rieties.			
	YF	ELLOW	7			
August Dasse	.60	3.00	20,00	.85	4.00	30.00
Chrysolora	.60	3.00	20.00	.85	4.00	30.00
Dolly Dimple	.60	3.00	20.00	.85	4.00	30.00
Golden Chadwick	.60	3.00	25.00	.85	4.00	30.00
Golden Eagle	.60	3.00	20.00	.85	4.00	30.00
Golden Robin		7.00	60.00	1.50	10.00	90.00
Improved Golden Chad-	:					
wick		15.00		3.00	20.00	
Major Bonnaffon	.60	2.00	17.50	.75	3.00	-25.00
Yellow Eaton	.60	3.00	20.00	.85	4.00	30.00

We can supply also all other yellow varieties.

ROSES (From 21/4" Pots)

	GRAFTED			OWN ROOTS		
	Doz.	100	1000	Doz.	100	1000
Killarney Queen. Pink.	\$1.50	\$12.50	\$120.00	\$1.00	\$7.50	\$60.00
Double Wh. Killarney.	1.50	12.50	120.00	1.00	7.50	60.00
Mrs. Taft (Antoine Ri-						
voire). Shell pink	1.50	12.50	120.00	1.00	7.50	60.00
Mrs. Aaron Ward.						
Yellow, shaded pink	1.50	12.50	120.00	1.00	7.50	60.00
Lady Hillington. Yellow	1.50	12.50	120.00	1.00	7.50	60.00
Killarney. Pink	1.50	12.50	120.00	1.00	7.50	60.00
White Killarney	1.50	12.50	120.00	1.00	7.50	60.00
Jonkheer J. L. Mock	1.50	12.50	120.00	1.00	7.50	60.00
Richmond	1.50	12.50	120.00	1.00	7.50	60.00
Radiance	1.50	12.50	120.00	1.00	7.50	60.00
My Maryland	1.50	12.50	120.00	1.50	10.00	90.00
American Beauty. 21/2-						
in. pot stock				1.50	12.00	100.00
Sunburst						

Six roses of a kind at dozen rate, 25 at 100 rate, 250 at 1000 ate.

If you are interested in Roses from 3 and 4-inch pots write us for prices.

MISCELLANEOUS PLANTS (21/4" Pots) Doz, 100 1000

	2029	100	
Abutilon Savitzi	.\$0.60	\$3.00	\$25.00
Achyranthes. 5 varieties		3.00	25.00
Ageratum. 3 varieties		2.50	20.00
Alternanthera. 5 varieties		2.50	20.00
Antirrhinum. 3 varieties	70	4.00	35.00
Begonia Gloire de Lorraine		15.00	135.00
Begonia Glory of Cincinnati		20.00	175.00
Bouvardia. White		4.00	35.00
Coleus. 19 varieties		2.50	20.00
Gardenia		7.00	60.00
German Ivy		2.50	20.00
Heliotrope. Céntefleur		3.00	25.00
Lantana. 6 varieties		4.00	35.00
Poinsettia. Single	. I.00	7.00	60.00
" Double		10.00	90.00
Salvia. 4 varieties	50	2.50	20.00
Smilax		3.50	30.00
Stevia	60	2.50	20.00
Swainsonia alba		4.00	35.00



New Scarlet Bedding Geranium "Helen Michell"

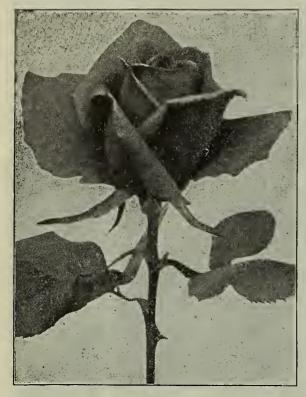
This wonderful new Geranium is fully described on the second cover page of this catalogue, opposite which appears an illustration in color, drawn from nature of one plant, to show its habit. The photograph above shows a section of one of our greenhouses, where we produced a quantity of the stock. For the most part these plants are in 4-inch pots. This photograph was taken in March, 1913, which will convey some idea of the early and free-flowering characteristics of the "Helen Michell" Geranium. We have already booked a huge number of orders and predict that the demand will greatly increase. **Book your order early.** All orders will be filled in rotation, beginning in January, 1914.

PRICES TO THE FLORIST TRADE, FROM 21/4-INCH POTS

Each, 25c.; Dozen \$2.50; 100, \$15.00; 1000, \$125.00 6 at dozen rates, 25 at 100 rate, 250 at 1000 rate

Michell's Pot Grown Roses

Extra strong 2-year old stock in 5 and 6-inch stock, according to variety



Rose Milady

Climbing Varieties

American Beauty. Rose pink. \$6.00 \$47.50 American Pillar. Single pink. 4.00 32.00 Baltimore Belle. Blush..... 3.00 Christine Wright. Pink. 6.00
Crimson Rambler. Red. 3.50
Dorothy Perkins. Pink. 3.50 47.50 27.00 Excelsa. Scarlet...... 4.00 32.00 Flower of Fairfield. Crimson. 3.50 27.00 Hiawatha. Single scarlet.... 3.50 Lady Gay. Pink..... 3.50 27.00 27.00 Tausendschoen. Soft pink.... 3.50

Dwarf Ramblers

Baby Rambler (N. Lavasseur). Doz. Erna Terschendorff. Scarlet.. 3.25 25.00 Jessie. Red 3.50 Mrs. W. Cutbush. Pink..... 3.25 Phyllis. Cerise pink..... 3.50 White Dorothy Perkins. White 3.50 27.00 Yellow Rambler. Yellow..... 3.50 27.00

S

	•	3011 •••••• 14.00	
Hybrid Perpetual Varie	ties	George C. Waud. Vermilion 4.50	35.00
Doz.	100	Gruss aus Teplitz. Red 3.50	27.00
American Beauty. Deep Pink.\$3.75	\$30.00	Harry Kirk. Yellow4.50	35.00
Baroness Rothschild. Pink 3.50	27.00	Hermosa. Pink 3.25	25.00
Clio. Flesh Pink 3.50	27.00	Jonkheer J. L. Mock. Rose	Ŭ
Capt. Christy. Pink 3.50	27.00	pink 3.75	30.00
Fisher Holmes. Red 3.50	27.00	Jos. Hill. Pink 3.75	30.00
Frau Karl Druschki. White. 3.50	27.00	Juliet. Orange 3.75	30.00
Gen. Jacqueminot. Crimson 3.50	27.00		•
La France. Rosc pink 3.75	30.00	Kaiserin A. Victoria. White 3.50	27.00
Magna Charta. Pink 3.50	27.00	Killarney. Pink 3.75	30.00
M. Dickson. White 3.50	27.00	Lady Ashtown. Pink 3.75	30.00
Mme. Gab. Luizet. Pink 3.50 Mrs. Jno. Laing. Pink 3.50	27.00	Lady Hillingdon. Yellow 6.00	45.00
Mrs. R. G. Sharman Crawford.	27.00	La Hollande. White 6.00	45.00
Pink 3.50	27.00	Laurente Carle. Red 3.75	30.00
Paul Néyron. Decp pink 3.50	27.00	Le Progres. Deep Yellow 3.75	30.00
Prince Camille de Rohan.		Leuchtfeuer. Fiery crimson 5.00	40.00
Crimson 3.50	27.00	Lyon. Yellow 3.75	30.00
Soleil d'Or. Yellow 3.50	27.00	Mad. Abel Chantenay. Pink. 3.75	30.00
Ulrich Brunner. Deep pink 3.50	27.00	Mad. Caroline Testout. Rose. 3.75	30.00

Our stock of pot grown Roses is of unusual quality. Many varieties we have grown ourselves in our nursery at Andalusia, where the soil is particularly adapted to their prime development. Others have been produced for us on contract and are equal to our own growing. The stock is lifted late in the fall as possible and ripened, potted and plunged in sand beds in cold glass houses, where they winter over under natural conditions. Towards spring the leaf buds break forth, just as they do on the stock growing outdoors, except a few weeks earlier. Our plants will be in prime shipping condition after April 1st. In forwarding, the plants are taken out of the earthen pots (unless we are instructed to the contrary) and placed with the original ball of earth intact in paper pots, which process saves considerably in transportation charges and enables the plants to reach you in prime condition, as the earthen pots are invariably broken in transit. The past autumn we have completed the erection of three cold rose houses; modern in every respect, they are built of concrete. iron and removable glass sash. These houses are each 23 feet wide and 125 feet long. We can promise extra fine quality in rose plants.

Note.—For the quality of stock we supply, our prices are very low. Less than · 1/2 dozen Roses will be priced at our retail catalogue rates, as quoted on pages 139 to 145, inclusive, less 20 per cent.

Hybrid Tea Varieties

Antoine Rivoire. Pink	\$3.75	\$30.00
Bessie Brown. Cream white.	3.75	30.00
Betty. Pink	3.75	30.00
British Queen (Nogu) White		
Each, \$1.25;	14.00	
Each, \$1.25; Chateau de Clos Vougeot	• •	
Scarlet Dean Hole. Pink	5.00	40.00
Dean Hole. Pink	3.75	30.00
Duchesse of Westminster	~ ~ ~	55.00
Clear rose	7.00	55.00
CrimsonEach, \$1.25;		
Edward Mawley. Crimson		55.00
Etoile de France. Red		40.00
Etoile de Lyon. Yellow		27.00
Farbenkonigin. Pink		30.00
Florence Pemberton. Cream		30.00
white	3.75	30.00
Franz Deegen. Yellow	3.75	30.00
Gen. MacArthur. Red		30.00
Geo. Dickson (New). Crim-		
son Each, \$1.25;	14.00	
George C. Waud. Vermilion.	4.50	35.00
Gruss aus Teplitz. Red	3.50	27.00
Harry Kirk. Yellow	.4.50	35.00
Hermosa. Pink	3.25	25.00
Jonkheer J. L. Mock. Rose	9	
pink	3.75	30.00
Jos. Hill. Pink	3.75	30.00
Juliet. Orange	3.75	30.00
Kaiserin A. Victoria. White.		27.00
Killarney. Pink	3.75	30.00
Lady Ashtown. Pink	3.75	30.00
La Hollande. White	6.00	45.00 45.00
Laurente Carle. Red	3.75	30.00
Le Progres. Deep Yellow	3.75	30.00
Leuchtfeuer. Fiery crimson	5.00	40.00
Lyon. Yellow	3.75	30.00
Mad. Abel Chantenay. Pink	3.75	30.00

1	Doz.	100
Mad. Jenny Gillemot. Pink.	\$3.75	\$30.00
Mad. Jules Grolez. Pink		30.00
Mad. Ravary. Yellow	3.75	30.00
Maman Cochet Pink	3.50	27.00
Maman Cochet White	3.50	27.00
Marg. Guillot. White		30.00
Marquise de Sinety. Yellow.		40.00
Milady. Dazzling red		45.00
Mildred Grant. Blush white.	~ . ~	30.00
Molly Sharman Crawford		
White		•
Mrs. Aaron Ward. Yellow		30.00
Mrs. C. C. Harrison. Deep	6	
mrs. David Jardine. Pink	6.00	45.00
		35.00
Mrs. Geo. Shawyer (New) Deep pinkEach, \$1.25;	T 4 OO	
Mrs. Peter Blair. Yellow	4.00	35.00
My Maryland. Pink	4.50	35.00
Neervelt. Red		40.00
Perle des Jardins. Yellow	3.75	30.00
Prince de Bulgarie. Pink		30.00
Richmond. Red		30.00
Souv. de P. Notting. Yellow		30.00
White Killarney. White		30.00
Wm. Shean. Delicate pink		35.00
Souvenir de Pres. Carnot.		33.00
Delicate pink		30.00
Souvenir de la Malmaison.		
1 734 .		
Flesh	3.50	27.00

J				
0		Misce	llaneous Roses	
0			Doz. 100	
ا د	Rosa	Rugosa.	Double Whitc\$3.50 \$27.00	
5	4.6	66	Red single 2.75 22.00	
о	66	6.6	White single 2.75 22.00	
0	66	" .	Con. F. Meyer,	
0			double pink 3.50 27.00	
0	Wich	uriana.	Single white 3.25 25.00	
0		"	Alba Rubifolia 3.50 27.00	
5		66	Gardenia 3.25 25.00	
		66	Persian yellow 3.50 27.00	

MICHELL'S HARDY PERENNIAL PLANTS AND ROOTS 69

The past year we have greatly improved our facilities for handling orders for hardy plants, having added to our equipment 4 large modern greenhouses and 250 additional frames. We therefore want your order for perennials and such other goods in our line which we handle extensively. Special Notice: On account of the small profit in plants at wholesale, no order for plants that aggregates less than \$1.00 will be filled at these wholesale rates; such orders will be filled at retail catalog prices for plants, less 10%. Complete description of all plants offered here will be found in our retail catalog, a copy of which can be had on request.

Doz.	
	100
Cerise Queen. Red\$1.00	\$7.00
Ptarmica Fl. Pl. (The Pearl).	
White	6=0
White	6.50
Boule de Neige (Snowball) 1.00	7.00
ACONITUM (Monkshood)	
Fischeri. Pale blue 1.35	9.00
Napellus. Dark blue 1.35	9.00
Napellus Dark blue 1.35 Napellus Bicolor. Blue and	9.00
Napellus Bicolor. Blue and	
white	9.00
Wilsoni. Violet blue 1.50	11.00
Audamenta Desa annata	
Autumnale. Deep purple 1.35	9.00
Stroekianum. Rich deep blue 1.50	10.00
ACTAEA (Baneberry)	
ACIAEA (Daneberry)	
Spicata Alba. Pure white ber-	
ries 1.50	10.00
Spicata Rubra. Bright scarlet	
berries 1.50	10.00
AETHEOPAPPUS (New)	
	TO 00
Pulcherrimus. Brilliant rose 1.50	10.00
AGROSTEMMA (Campion)	
Coronaria. Crimson90	6.50
	_
AKEBIA Each	Doz
Quinata\$0.20	\$2.00
	ψ2.00
ALYSSUM (Gold Dust)	
Doz.	100
Saxatile Comp. Yellow\$0.90	\$6.50
AMPELOPSIS	
Veitchii. Extra strong; 4 in	
pots 2.00	15.00
Quinquefolia 2.00	12.50
Varinquerona:	12.50
ANCHUSA (Italica)	
Dropmore. Blue	10.00
Myosotidaoflora (Masu) Pich	1,0,00
Myosotidaenora (wew). Kich	i
blue 2.50	15.00
Opal. Pale blue 1.50	10.00
ANEMONE (W:-JCI)	
ANEMONE (Windflower)	
Alba. Pure white 1.10	7.50
Alice. Shell pink	10.00
Kriambilda Poco pink	
Kriemhilde. Rose pink 1.50	10.00
Pr. Henry. Rich pink 1.10	7.50
Dubna Dogg and	
Rubia. NOSV Ted	7.50
Rubra. Rosy red 1.10	7.50
Whirlwind. Pure white 1.10	7.50
Whirlwind. Pure white 1.10 Lord Ardilaun. Pure white 1.50	
Whirlwind. Pure white 1.10 Lord Ardilaun. Pure white 1.50	7.50 10.00
Whirlwind. Pure white 1.10 Lord Ardilaun. Pure white 1.50 Geante Blanche. Giant white 1.50	7.50
Whirlwind. Pure white 1.10 Lord Ardilaun. Pure white 1.50 Geante Blanche. Giant white 1.50 Queen Charlotte. Semi-double;	7.50 10.00 10.00
Whirlwind. Pure white 1.10 Lord Ardilaun. Pure white 1.50 Geante Blanche. Giant white 1.50 Queen Charlotte. Semi-double; pink 1.10	7.50 10.00
Whirlwind. Pure white 1.10 Lord Ardilaun. Pure white 1.50 Geante Blanche. Giant white 1.50 Queen Charlotte. Semi-double;	7.50 10.00 10.00
Whirlwind. Pure white 1.10 Lord Ardilaun. Pure white 1.50 Geante Blanche. Giant white 1.50 Queen Charlotte. Semi-double; pink	7.50 10.00 10.00 7.50
Whirlwind. Pure white 1.10 Lord Ardilaun. Pure white 1.50 Geante Blanche. Giant white 1.50 Queen Charlotte. Semi-double; pink	7.50 10.00 10.00
Whirlwind. Pure white 1.10 Lord Ardilaun. Pure white 1.50 Geante Blanche. Giant white 1.50 Queen Charlotte. Semi-double; pink	7.50 10.00 10.00 7.50
Whirlwind. Pure white I.10 Lord Ardilaun. Pure white I.50 Geante Blanche. Giant white I.50 Queen Charlotte. Semi-double; pink I.10 Purpurine. Semi-double; deep rose	7.50 10.00 10.00 7.50
Whirlwind. Pure white I.10 Lord Ardilaun. Pure white I.50 Geante Blanche. Giant white I.50 Queen Charlotte. Semi-double; pink I.10 Purpurine. Semi-double; deep rose	7.50 10.00 10.00 7.50 10.00
Whirlwind. Pure white I.10 Lord Ardilaun. Pure white I.50 Geante Blanche. Giant white I.50 Queen Charlotte. Semi-double; pink I.10 Purpurine. Semi-double; deep rose	7.50 10.00 10.00 7.50 10.00 6.50 6.50
Whirlwind. Pure white I.10 Lord Ardilaun. Pure white I.50 Geante Blanche. Giant white I.50 Queen Charlotte. Semi-double; pink I.10 Purpurine. Semi-double; deep rose	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50
Whirlwind. Pure white	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50
Whirlwind. Pure white	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50 6.50
Whirlwind. Pure white	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50 6.50 6.50
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Whirlwind. Pure white	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50 6.50 6.50 6.50 6.50
Whirlwind. Pure white	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50 6.50 6.50 6.50 6.50
Whirlwind. Pure white. I.10 Lord Ardilaun. Pure white. I.50 Geante Blanche. Giant white. I.50 Queen Charlotte. Semi-double; pink I.10 Purpurine. Semi-double; deep rose I.50 AQUILEGIA (Columbine) Canadensis. Red and yellow90 Chrysantha Alba. Pure white .90 Chrysantha. Yellow90 Coerulea. Blue and white90 Erskine Park Hybrids. Mixed90 Flabellata Nana. White90 Rose Queen. Delicate pink90 Helenae. Blue, white spurs	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50 6.50 6.50 6.50 6.50
Whirlwind. Pure white	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50 6.50 6.50 6.50 6.50
Whirlwind. Pure white	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50 6.50 6.50 6.50 6.50
Whirlwind. Pure white	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50 6.50 6.50 6.50 6.50
Whirlwind. Pure white	7.50 10.00 10.00 7.50 10.00 6.50 6.50 6.50 6.50 6.50 6.50 6.50



Hardy Aster

· ASTERS (Hardy)	Doz.	100
Amethystinus. Blue	\$1.50	\$10.00
Beaute Parfait. Violet	1.50	10.00
Nov. Ang. Rubra. Red	1.10	7.59
Amellus Perry's, Pink	TEO	10.00
Ptarmac. Maj. Pure white	1.10	7.50
Robt. Parker. Lavender	I.IO	7.50
Ptarmac. Maj. Pure white Robt. Parker. Lavender St. Egwin. Pink	1.50	10.00
White Queen. Pure white	1.10	7.50
Wm. Marshall. Clear blue	1.10	7.50
Subcoeruleus. Deep blue	1.10	7.50
Fairfield. Pure white	1.10	7.50
Beatrice. Pure white	1.10	7.50
Beauty of Colwall. Lavender.	1.75	12.50
Thompsoni Nana. Sky-blue		10.00
BIGNONIA (Trumpet		
Grandiflora. 40c. each; doz. \$4	1.00.	
Radicans. 20c. each; doz. \$2.00		
BOCCONIA (Plume Po		
Cordata. Cream white		7.50
BOLTONIA (False Cham	omil	
Asteroides. Pure white	.90	6.50
Latisquama Nana. Pink. Dwf.	.90	6.50
		6.50
BUDDLEYA (Butterfly))
Var. Magnifica. Lavender	2.00	15.00
Asiatica. Light blue		20.00
CALLIRHOE (Poppy Ma	llow)
Involucrata. Crimson	1.10	7.50
CAMPANULA (Bell Flo	wer)	,
Calycanthema. Pink	1.50	10.00
Calycanthema. Blue	1.50	10.00
Calycanthema. White	1.50	10.00
Glomerata. Violet blue	1.10	7.50
Lactiflora. Bluish white	I.IO	7.50
Media. Pink	1.10	7.50

CAMPANULA (Continued) Doz.	100
Media. Blue\$1.10	\$7.50
Media. White 1.10	7.50
Moerheimi. Pure white 1.50	12.00
Pers. Grand Coerulea. Blue. 1.35	8.50
Pers. Grand Alba. White 1.35	8.50
Trachelium. Purple 1.10	7.50
Alliariaefolia. White 1.10	7.50
Carpatica. Blue 1.10	7.50
Carpatica. White 1.10	7.50
Pyramidalis. Blue 1.35	8.50
Pyramidalis. White 1.10	7.50
Humosa. Light blue 1.50	12.00
White Star. Pure white 1.10	8.50
CASSIA (American Senna)	
Marilandica. Yellow90	6.50
CENTAUREA (Perennial Cornflo	_
Montana. Blue 1.35	8.50
Montana Alba. White 1.35	8.50
Pulcherrima 1.35	8.50
	0.50



Hardy Chrysanthemum CHRYSANTHEMUMS (Hardy) Pompon Varieties

Agalia. Orange.
Aaron. Scarlet.

Anna Marie. Cream Maroon.
white.

Ashbury. Yellow.
Baby. Yellow.
Cerise Queen. Pink. Meyers Perfection.
Dawn. Pink.
Dundee. Red.
Excelsior. Yellow.
Ermine. Scarlet.
Findon. Rose.
Furnessia. White.
Globe d'or. Yellow.
Germania. White.
Gladys. Pearl.
Ida. Yellow.
See page 70 for other Hardy 'Mums.

70 Michell's Hard	ly
HARDY CHRYSANTHEMUMS	
(Continued)	
Sylvia. Bronze. Triomphe d'Or.	
Sylvia. Bronze. Triomphe d'Or. Susquehanna. Yel yellow.	
low. Viola. Red.	
Scarlet Beauty. Urith. Bronze.	
Red. Windlass. Orange	•
Price of any of the Hardy Pomp	on
Chrysanthemums offered, 65c. doz.; 1	per
100 \$4.50.	
Large, Early Flowering	
ENGLISH CHRYSANTHEMUMS	
Primavere. Prim- Le Pactole. Yellov	w.
rose. Mad. Marie Mass	e.
Wells Crimson. Mauve.	
Red. Mrs. A. Beech.	
Saumon Rouge. Bronze.	
Salmon. Mabel Roberts.	
Border Beauty. Pink.	
Orange. Normandie. Pink.	
Champagne. Red. October Gold. Countess. White. Yellow.	
Countess. White. Yellow. Ethel Blades. Scar-Queen of the	
let. Earlies. White.	
Golden Queen of Earlies. Yellow.	
Price of English Hardy Chrysanthemur	nç
\$1.25 doz., per 100 \$8.00.	110,
· -	
CHRYSANTHEMUM Doz. 1	00
Arcticum. Pure white\$2.00 \$12	เรือ
Maximum Vermorense. Pure	•50
white 2.00 I2	.50
	·
CLEMATIS (Extra Strong Plants) Each Doz. 1	00
Henryi. White\$0.35 \$3.50 Jackmanii. Purple35 3.50 Jackmanii Alba. White35 3.50	00
Jackmanii. Purple 35 3.50	
Jackmanii Alba. White35 3.50	
Mad. E. Andre. Red 35 3.50	
Montana Rubens. Red50 5.00	
Flamula. White	
	.00
Crispa. Lavender	.00
	•
Paniculata. White 15 1.10 7	.00
COREOPSIS	
Lanc. Grand. Yellow90 6	.50
DAISY (Bellis perennis)	
Monstrosa. White 60	.50
Monstrosa, Pink 60 4	.50 .50
3.6 · D ·	.50 .50
DELPHINIUM (Larkspur) Amos Perry, Mauve 2.50 20	00
A 111118 FEITEV. 1912/11/P	(10)

CLEMATIS (Extra Strong l	Plants	s)
Henryi. White\$0.35	Doz.	100
	\$3.50	
	3.50	
	3.50 3.50	
Integrifolia Durandi. Blue .40	4.00	1
Montana Rubens. Red50	5.00	
Flamula. White	3.50	
Coccinea. Red	1.50	\$9.00
Crispa. Lavender	1.50	9.00
Tanguticus. Yellow50	5.00	
Paniculata. White	1.10	7.00
COREOPSIS		
Lanc. Grand. Yellow	.90	6.50
DAISY (Bellis perenn	-	
Monstrosa. White	.60	4.50
Monstrosa, Pink	.60	4.50
Monstrosa. Red	.60	4.50
		4.50
DELPHINIUM (Larkspi		
Amos Perry. Mauve	2.50	20.00
Belladonna Semi Pl. Blue	1.50	12.00
Chinense Azureum. Blue	2.50	17.50
Chinense Album. White	.90 .90	6.50 6.50
Formosum. Deep blue	.90	6.50
Formosum Coelestinum. Blue.	.90	6.50
Kelway's Hybrids. Mixed	1.25	8.00
King of Delphiniums. Blue	3.50	25.00
Moerheimi. Pure white	3.50	25.00
DIANTHUS (Garden Pi		-5.22
Deltioides. Pink	.90	6.50
Deltioides. Pink Latif. Atroc. Fl. Pl. Crimson	.90	6.50
Mixed Colors	.85	6.00
DICTAMNUS (Gas Pla		
Fraxinella. Pink	1.25	0.00
Fraxinella. White	I.35 I.35	9.00
	00	9.00
DIELYTRA (Bleeding H	eart)	
Spectabilis. Pink and white	.90	6.00
DIGITALIS (Fox Glov	(e)	
Gloxiniaflora. White	.90	6.50
Gloxiniaflora. Pink	.90	6.50
Gloxiniaflora. Blue	.90	6.50
Gloxiniaflora. Yellow	.90	6.50

	VIII
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NOW AND AND	
	10 m
A LATE WAR TO SEE	
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1 MIC	HELL
SWAN STANKE	

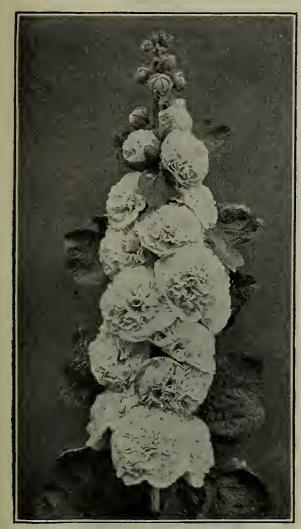
WING TO SEE	101	
Delphinium Belladonna (See lef	t-hand e	olumn)
		Oralini)
DORONICUM	Doz.	100
Excelsum. Yellow	.\$1.35	\$8.50
ECHINOPS (Globe Th	istle)	
Ritro. Deep blue		8.50
EDELWEISS (Alpine		
White	. 1.25	7.00
ERYNGIUM (Sea Ho	llv)	•
Planum. Blue	. I.35	8.50
EUPATORIUM		3-
Ageratoides	90	6.50
Coelestinum. Light blue	90	6.50
FERNS (Hardy)		- 3
Adiantum Pedatum	. 1.75	11.00
Adiantum Pedatum Dicksonia Punctilobula	. I.00	7.00
Osmunda Regalis	. 1.75	11.00
Aspidium Acrostichoides	. I.00	7.00
Aspidium Marginale Aspidium Thelypteris	. 1.25	8.00
Aspidium Thelypteris	. I.25	8.00
Asplenium Felix-foemina	. I.25	8.00
Osmundi Claytonia		11.00
Lastrea Dilitata	. 1.75	11.00
Onoclea Sensibilis	. I.00	7.00
Onoclea Struthiopteris Osmunda Gracilis		11.00
Osmunda Cinnamonae	. I.75	11.00
Scolopendrium Vulgaris	. 2.00	15.00
FUNKIA (Day Lily		15.00
Coerulea. Blue	80	5 50
Subcordata (irand White	TOC	5.50 8.50
Undulata Med. Pict. Varie	- 1.33	0.50
gated foliage, purple	. 1.35	8.50
GAILLARDIA (Blanket l		
Grandiflora. Red and orange.		6.50
GERANIUM (Crane's		0.50
Grandiflora. Violet blue	. 1.10	7.50
Grandiflora. Violet blue Endressi. Light rose	. 1.10	7.50
GALEGA (Goats' R		7:5:
Hartlandii. Blue and white	. I.00	7.00
GEUM (Avens)		,.00
Coccineum. Scarlet	. 1.10	7.50
Mrs. Bradshaw (New)		7.50
Bright scarlet		10.00

GENTIANA		
	Doz.	100
Andrewsii. Blue	1.35	\$8.50
GRASSES (Extra Stro	ng)	
Arundo Donax	1.50	10.00
Pennisetum Japonicum	1.25	8.00
Erianthus Ravennae	1.00	8.00
Eulalia Grac. Univit	1.00	8.00
" Jap. Variegata	1.00	8.00
" Zebrina	I.00	8.00
Gynerium Argent	2.00	15.00
Phalaris Arund. Variegata	.85	6.00
GYPSOPHILA		
Paniculata. White	.90	6.50
" Fl. Pl.		
Double white	2.00	15.00
HELENIUM (Sneezewo	ort)	
Autumnale Sup. Yellow		7.50
Grand. Striatum. Orange	1.10	7.50
Grand. Striatum. Orange Riverton Beauty. Lemon yel-		, ,
low	1.60	00.11
low		
yellow	1.10	7.50
HELIANTHUS		
Miss Mellish. Yellow Mult. Fl. Pl. Double yellow	.00	6.50
Mult. Fl. Pl. Double vellow	1.00	7.00
MICHAILS VALIOW	-00	6.50
Wolly Dod. Yellow	.90	6.50
Orygalis. Golden yellow	.90	6.50
HELIANTHEMUM (Rock)
Mixed colors	1.10	7.50
HELIOPSIS (Orange Sunf		
Pitcheriana. Yellow	00	6.50
HELLEBORUS (Christmas		
Niger. Pure white		
HEMEROCALLIS (Yellow D	ay L	ily)
Aur. Major. Orange	2.00	15.00
Flava. Yellow	.90	6.50
Vyvanga El Di Capany and	7.90	6.50
Kwanso Fl. Pl. Coppery red Dumortieri. Rich yellow		7.50
Dr. Regal. Apricot	.90	6.50
Sovereign. Chrome yellow	1.50 2.00	11.00
		15.00
HEUCHERA (Alum Ro	•	= =0
Sanguinea. Scarlet Flambeau. Light rose	1.10	7.50
	I.IO	7.50
Pink Beauty. Clear pink	1.10	7.50
HIBISCUS	1.10	
HIBISCUS Meehani. Mixed colors	2.00	12.50
HIBISCUS Meehani. Mixed colors Moscheutos Roseus. Pink	1.10	
HIBISCUS Meehani. Mixed colors	2.00	12.50



Gaillardia

Michell's Hardy Perennial Roots and Plants (Continued)



	HOLLYMOCKS		
	HOLLYHOCKS	Doz.	100
Double.	White		\$10.00
	Crimson	~	10.00
44	Salmon		10.00
**	Canary yellow		10.00
"	Pink		10.00
66	Maroon	. 1.50	10.00
66	Newport Pink		
	Mixed colors	. 1.25	8.00
Single.	Mixed colors	. I.25	8.00
fringe	y. Semi-double l, mixed colors	;,	0 00
			8.00
HC	NEYSUCKLE (Pot G	rown	
Chinese	Evergreen	. 2.00	15.00
Halleana			15.00
Heckrot			15.00
Variegal	ted	. 2.00	15.00
Rea Cor	al	. 2.00	15.00
	HOP VINES		
Japanes	e	75	6.00
	Leaved	_	8.00
INCA	ARVILLEA (Hardy G	loxin	ia)
Delavay			8.50
Grandifl			8.50
	IPOMEA (Moon Vir	ne)	
Pandura	ta		8.00
IRI	IS GERMANICA (Ge	rman)
Eugene	Sue. White and spott	ted.	
Gypsie (Queen. Lavender.		
	s. Mauve.		
Glorie d	le Hillegom. Light bi	lue.	
Gracchu	s. Crimson and white		
Honorabilis. Yellow and bronze.			
V horout	za. Pure white.		
Mad Cl	Deep blue.	h1110	
Maori K	nereau. White edged ing. Golden yellow.	brue.	
Pallida	Dalmatica. Lavender	- \$T	50 per
	er 100 \$10.00.	. ψ1.	Jo per
Queen o	of May. Light pink.		1
Price	at top of next column	١.	
	•		

Price of any German Iris (except where noted), 90c. doz., per 100 \$6.50.

Mixed, all colors, 50c. doz., per 100, \$3.50.

IRIS KAEMPFERI (Japanese)

Double varieties.

Geishoi. Crimson purple.

Hodai. Lavender, veined purple. Hodai. Lavender, veined purple.
Ho=O=Jo. Deep purple.
Kan Ran. White, veined violet.
Koki=No=Iro. Purple, veined white.
Kuma Funjiu. Lilac, veined white.
Mana Dsura. Pure white.
Renjo=No=Toma. Violet and white.
Uchu. Purple, shaded crimson.
Wakamurasaki. Purplish crimson.
Yomo=No=Umi. Double white.
Single varieties

Single varieties. Komanyo. Violet blue, veined white. Osakazuki. Mauve, shaded lilac. Tora-Odori. Lavender, white ground. Yomo Zakuru. Purnlish red.

Price of separate named varieties Japanese Iris, \$1.35 doz., per 100 \$8.50. **Mixed,** all colors, doz. 85c., \$5.00 per 100.

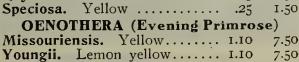
IRIS PUMILA Doz.	100
Azurea. Light blue\$0.85	\$6.00
Lutea. Yellow	6.00
Violacea. Dark blue	6.00
IRIS SIBIRICA	
Orientalis Blue King. Deep	
blue 1.10	7.50
Orientalis Snow Queen. Pure	•
white 1.10	7.50
IVY	
English. 2½-inch pots 1.25	
" 4-inch pots 2.00	15.00
KUDZU VINE	

• •	_			
KUDZU VINE				
Pueraria Thunbergiana 1.75	12.50			
LATHYRUS LATIFOLIUS				
Albus 1.15	8.00			
White Pearl 2.50	17.50			
Pink Beauty 1.15	8.00			
LIATRIS (Blazing Star)				
Pycnostachia. Purple	6.50			
LILY OF THE VALLEY				
Large clumps 2.00	15.00			
LOBELIA				
Cardinalis. Vivid crimson90	6.50			

LUPINUS	
Moerheimi. Pink 2.25	16.00
Polyphyllus. Blue 1.35	9.00
" White 1.75	11.00
LYCHNIS	
Chalcedonica. Scarlet90	6.50
Dioscea Rosea. Pink 1.15	8.00
Haag. Hybrida. Orange scar-	
let	6.50
Semperflorens Pl. Pink1.35	8.50
Viscaria. Red 1.35	8.50
LYTHRUM (Loosestrife)	
Roseum Superbum. Pink90	6.50
Virgatum. Bright pink 1.50	10.00
MONADDA (D. 1	

MONARDA (Bergamo	t)	
Didyma. Scarlet	.90	6.5
Fistulosa Alba. White		6.5
MONTBRETIA (Bulbs	:)	
Aurantiaca. Golden yellow		1.5
Crocosmiaeflora. Scarlet and		
yellow	.15	1.0
Etoile de Feu. Vermilion	.25	1.5

1.25 1.50





Paeony-Achille

PAEONIES (Double) Named Varieties

Sorts marked * are especially suite	d for
florists' cut flowers. Doz.	100
Achille. Shell pink\$1.50	\$10.00
Agries M. Reiway. Cleam 1.50	10.00
*Anem. Flor. Rubra. Crimson. 2.00	15.00
Charlemagne. Pink 3.00	20.00
Clarisse. Rose pink 1.75	14.00
Couronne d'Or. White 3.25	22.00
Duc de Wellington. White 3.00	20.00
Edulis Superba. Pink 1.75	12.50
*Festiva Maxima. White 2.50	18.00
Marie Lemoine. Cream 4.00	30.00
Tenuifolia Fl. Pl. Red 2.50 Beaute Française. Lilac rose 2.50	18.00
Beaute Française. Lilac rose 2.50	18.00
Berlioz. Magenta rose 2.50	18.00
Dr. Brettonneau. Lilac rose 1.75	12.50
*Carnea elegans. Flesh color. 2.50 Delicatissima. Lilac rose 3.50	18.00
Delicatissima. Lilac rose 3.50	25.00
Eugene Verdier. Soft pink 3.50	25.00
Faust. Delicate pink 1.75	12.50
*Grandiflora Rosea. Solferino 1.75	12.50
L'Indispensable. Delicate	
cream 3.50	25.00
Mme. Forel. Light pink 3.50	25.00
Mons. Krelage. Dark pink 3.50	25.00
Mons. Krelage. Dark pink 3.50 *Mlle. Leonie Calot. Rosy	-3
white 3.00	22.50
*Alba Plena. Purest white 1.75	12.50
Duchesse de Nemours. White 2.00	16.00
La Rosiere. Yellowish white. 2.00	16.00
Delachi. Purple 2.00	16.00
*Felix Crousse. Bright red 3.50	25,00
General McMahon. Deep vio-	
	25.00
L'Eclatante, Brilliant red., 250	17.50
Meissonier. Purplish red 2.25	16.50
*Victor Hugo. Brilliant red 5.00	35.00
Tree Paeonies	
In 10 choice named varieties, 80c.	each.
\$8.75 doz.	,
Unnamed Paeonies Doz.	100
Chinensis Alba. White 1.00	7.00
" Rosea. Pink 1.00	
" Rubra. Red 1.00	7.00
*Officinalis Rosea. Pink. early 1.50	10.00
*Officinalis Rosea. Pink, early 1.50 * "Rubra. Red, early 1.00	7.00
	10.00
Single Roots of Paeonies (not pr	
supplied at the price of the first two fi	gures
of the dozen rate, thus: If \$1.75 per	doz
price will be 17 cents each, etc.	,
PACHYSANDRA De-	100

PACHYSANDRA Doz. Terminalis. Green foliage....\$1.10 \$7.50 "Variegated. Variegated foliage.... 1.10 7.50

PENTSTEMON (Beard T	ongue	.)
	Doz.	100
Barb. Torreyi. Scarlet	.\$1.10	\$7.50
Digitalis. Pure white	. 1.10	7.50
PHYSOSTEGIA (False Dra	gon H	ead)
Virginica. Soft pink	.\$0.90	\$6.50
Alba. White	90	6.50
WW WWW.		4



патау	Pinks		
PINKS—DOUBLE	(Hardy	Garden)

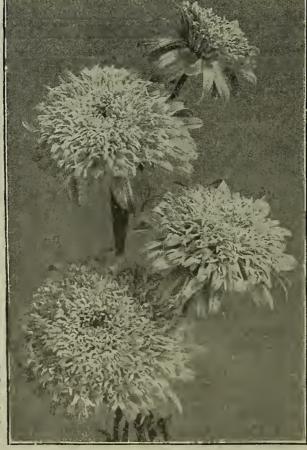
\$1.10	\$7.50
2.00	15.00
1.10	7.50
1.10	7.50
	7.50
	15.00
I.00	6.50
	Doz. \$1.10 2.00 1.10 1.10 1.10 2.00 1.00



Phlox Chastity PHLOX (Hardy)

THEO/T (Haray)				
Strong plants.	Doz.	100		
Chastity (New). Pure white	\$1.50	\$10.00		
Coquelicot. Scarlet	.90	6.50		
Dr. Konigshofer. Red	.90	6.50		
Elizabeth Campbell. Pink	1.35	9.00		
Matador. Red	.90	6.50		
Miss Lingard. White	1.10	7.50		
Mrs. Jenkins. White	.85	5.50		
Pink Beauty	.90	6.50		
Rheinstrom. Pink		9.00		
Europa (New) . Blush white,				
pink eye	1.50	10.00		

	Doz.	100
Fiancée. Pure white	\$0.90	\$6.50
Hanny Pfleiderer. White and		6
pink	.90	6.50
wielet wanace. White and		650
violet Buchner. Pure	.90	6.50
white	1.25	8.00
white	.85	5.50
Von Lassburg. Pure white	.85	5.50
Mad. Paul Dutrie. Soft pink. Gruppen Konigin. Rose Pink.	.85	5.50
Gruppen Konigin. Rose Pink.	1.25	8.00
R. P. Struthers. Deep salmon	.85	5.50
Le Mahdi. Deep purple	.85	5.50
Montagnard. Purple	.85	5.50
Mad. P. Langier. Red Von Hochberg. Crimson	.85	5.50
Asia. Purple	I.00 I.25	7.50 8.00
Africa. Rich purple	1.25	8.00
Tower of Eiffel. Light salmon	85	5.50
Wm. Robinson. Carmine	.85	5.50
Baron V. Dedem. Deep pink	.85	5.50
Embrazement. Pink Fernand Cortez. Cerise pink	.85	5.50
Fernand Cortez. Cerise pink	.85	5.50
General yon Heutsz. Salmon	.85	5.50
Goliath. Cerise	.85	5.50
Gen. Chanczy. Orange	.85	5.50
Eugene Danzanvilliers. Lavender	0-	
ender	.85	5.50
PHLOX (Miscellaneous Va	rietie	es)
Divaricata Canadensis. Lav-	* 00	6 40
ender	1.00 8r	6.50
"Alba. White	.05 &r	5.50 5.50
For full description of Hardy	Phlox	5.50 es see
page 138 of our Retail Catalogue		
PLATYCODON (Bell Flo	wer)	1
Grand. Blue	.90	6.50
" White	.90	6.50
PLUMBAGO (Leadwo	rt)	
Larpentae. Blue	1.10	7.50
PRIMULA (Hardy Prima	ose)	6.55
Veris (Cowslip). Mixed	.85	6.00
Polyanthus. Red, edged yellow Auricula. Mixed	1.00	7.50
Vulgaris. Yellow	1.50	7.50
vuigaris. I chow	1.10	7.50



Pyrethrum Ne Plus Ultra

		POPPY Doz.	100
			100
υ	lceland.	Yellow\$1.35	\$8.50
	66	Orange 1.35	8.50
0	46	White 1.35	8.50
	66	Mixed	6.50
o	Oriental	e Scarlet 1.10	8.50
	"	Mrs. Perry. Pink 1.50	10.00
O]	66	Fürsten Kind. Scarlet 1.10	8.50
o	66	Parkmanni. Crimson 1.10	8.50
0	66	Goliath. Scarlet 1.50	10.00
0			
0		PYRETHRUM	
o	Hybridu	m. Single mixed 1.10	7.50
o	Uliginos	um. Single white90	6.50
o	Ne plus	ultra. Soft lilac, double 2.50	18.00
0		louges. Double, red 2.50	18.00
0		Metternich. Double	
0		2.50	18.00

ROSES (Pot Grown) See page 68.



Rudbeckia Golden Glow	
RUDBECKIA (See cut above)	
Doz.	100
Golden Glow. Double yellow\$0.90	\$6.50
Newmani. Single yellow 1.10	7.50
Purpurea. Single purple 1.10	7.50
SALVIA	, 0
Azurea. Blue 1.10	7.50
Virgata Nemorosa (New).	
Dark blue 2.00	15.00
SCABIOSA	
Caucasica Alba. White 1.50	10.00
" Blue 1.50	10.00
Japonica. Rich blue 1.35	9.00
SCHIZOPHRAGMA (Climbing Hydra	
Hydrangeoides, each 6oc., doz. \$6.00	Э.
SEDUM (Stone Crop)	
Acre. Yellow	6.00
Album. White	6.00
Sieboldi. Pink	7.00
Spectabilis. Pink	7.00
"Brilliant. Amaranth	7.00
red 1.50	10.00

Michell's Hardy Perennial Plants and Roots (Continued)



Shasta Daisy

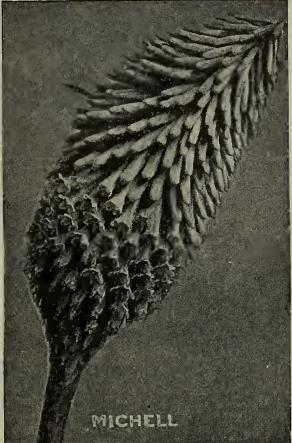
SHASTA DAISY Doz.	100
Alaska. Pure white\$1.60	100 \$11.00
STACHYS (Woundwort)	Ψ11.00
Betonica Rosea. Rich pink 1.3.	5 8.50
SPIRAEA (Drop Wort)	
Filipendula Fl. Pl. White 1.3	5 8.50
STATICE (Sea Lavender)	
Latifolia. Dark blue 1.1	0 7.50
Eximia. Lilac 1.19	0 7.50
STOKESIA (Cornflower Aste	er)
Cyanea Alba. White	
" Blue	o 6.50



Sweet William

SWEET WILLIAM

	Doz.	100
Crimson	\$0.90	\$6.50
Maroon	.90	6.50
Pink Beauty (Newport Pink).		
Pink	.90	6.50
Pure White	.90	6.50
Red White Eye	.90	6.50
Prize Mixture. All colors		6.00
THALICTRUM (Meadow	Rue)	
Aquileg. Atrop. Purple	1.35	8.50
" Album. White	1.35	8.50



MICHELL	The same	
Tritoma		
TRITOMA (Flame Flow	v er) Doz.	100
Pfitzeri. Orange scarlet	1.25	\$8.00
TROLLIUS (Globe Flow	ver)	
Europaeus. Yellow Cauc. "Orange Globe." Deep	1.50	10.00
Japonicus "Excelsior." Orange	1.50	10.00
		10.00
VALERIANA (Spurred Flo		-
Coccinea. Rich red	1.35	8.50 8.50
Officinalis. Pink	I.35	8.50
VERONICA (Speedwe		
Amethystina. Blue	1.10	7.50
Incana. Blue	1.10	7.50
Long. Subsess. Blue	1.50	10.00
Virginica Alba. White Spicata. Blue	I.IO I.IO	7.50 7.50
Virginica. Pale blue	1.10	7.50
VINCA (Periwinkle))	
Aurea. Variegated foliage, lav-		
ender blue	1.50	
Minor. Lavender blue	_	6.00
VIOLA CORNUTA (Tufted I		•
Blue and Purple		4.50
White and Yellow	1.35	8.50
WALLFLOWER	., -	7.5-
7.7.4	I,20	8.00
WISTARIA		
Chinensis Alba. Each 40c., \$4.00 Blue. Each 40c., \$4.00	o doz	Z.
YUCCA (Adam's Need	le)	
Filamentosa. White		11.00

Miscellaneous Plants, Vines

and Shrubs	_,	
	Doz.	100
Boxwood. For edging	.\$0.75	\$5.00
Berberis. Thunbergii, 18 to	. 2.00	12.50
inches	. 1.50	12.50
Moon Vine Learn. Blue	. 1.20	9.00
Moon Vine Noctiflora. Whit	e	
4 in	. I.50	12.00
Moon Vine Paniculata. Pink		15.00
Passion Vines. 4 in		10.00
" Opulus		15.00
" Plicatum	. 2.00	15.00
Weigelia E. Rathke		17.50
" Rosea	. 2.50	17.50
Aber Carriere		17.50
" Amabilis Tamarix Hispida Aestivalis		15.00 17.50
Euonymus Radicans		8.50
	Each	Doz.
Azalea Amoena, 12 to 18 in		\$5.50
" A. Koster		7.50
" Mollis, 15 to 18 in	60	5.50
	Doz.	100
Calycanthus Floridus	\$2.50	\$17.50
Deutzia Gracilis		15.00
Forsythia Fortunei	. 2.00	15.00
Hydrangea Paniculata Grand. "Arborescens		15.00 17.50
Hydrangea Hortensis. (Se	e 2.50	17.50
page 146, Retail Catalogue.)		
Hypericum Moserianum	. 2.00	13.00
Jan Land	Each	Doz.
Kalmia Latifolia, 18 to 24 in	.\$0.65	\$7.00
Lilac. Charles X		4.00
Marie Le Gray	40	4.00
" Persian Purple White	40	4.00
" Common Purple		2.00
" White		
	Doz.	100
Jasminium Nudiflorum		
" Officinalis		
	Each	Doz.
Rhododendrons in 8 distinct		
named sorts, 12 to 15 buds	.\$1.00	\$10.00
	Doz.	100
Spirea. A. Waterer	.\$1.75	\$12.50
Van Houttei	. 1.75	12.50
" Prunifolia Philadelphus Coronarius	2.00	15.00
- managerpands Coronarius	. 2.00	15.05
DID VICTOR (C. 1.1	,	
PRIVET (Californi		
We grow large quantities of		which
We grow large quantities of is extra fine.	this,	
We grow large quantities of	this,	1000

2 year old, 30 to 36 in... .75 4.50 42.00 GOLDEN LEAVED PRIVET

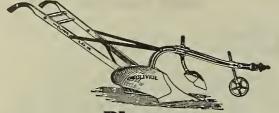
18 to 24 in., 2 year old, \$1.25 per doz., per 100 \$9.00.

Testimonial on Michell's Hardy Plants

FAIRMONT, W. VA.
Your shipment of perennials arrived yesterday, they certainly are a husky lot of plants and we were well pleased.

ALEX MACELWEE.
Supt. to Hon. C. W. Watson.

Planet Jr. and Iron Age Farm and Garden Tools, Etc.



Plows

SOUTH BEND PLOWS

This plow has been one of the favorites in the section of Philadelphia for many years. It is substantially made, neat, and gives splendid satisfaction.

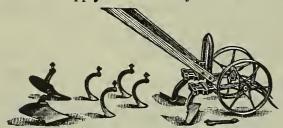
No.	IB.	For	one	horse,	boow	bear	n 8	55.00
No.	2.	For	one	heavy	horse	or	two	
		lig	t t	norses,	wood	bear	n	7.25
No.	3A.	2-ho	rse,	wood	beam.			9.00
				heavy,				

OLIVER PLOWS

A2.	1-horse,	plain, wo	od bea	am	 .\$4.50
10.	2-horse,	medium,	wood	beam.	 . 7.75

The prices above are for plain plows with clevis only. Jointers and wheels can be supplied for Nos. 2, 3, 4 and 10.

If wheel only is wanted, add \$1.00, or if jointer only is wanted, add \$2.00. We can also supply Gale and Syracuse Plows.

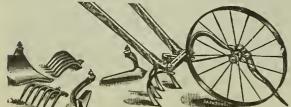


Planet Jr. Wheel Hoes

			wheel (see cut)\$6.50
			wheel 4.50
			wheel 8.50
No.	14	Double	wheel 7.50



No. 16	Single	wheel\$5.50
No. 17	Single	wheel (see cut) 4.75
No. 18	Single	wheel 3.25
No. 38	Single	wheel
No. 30	Single	wheel
. 100 00	700	7.30

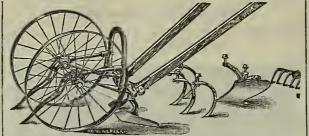


Iron Age Wheel Hoes

No.	9	Single	wheel	(see cut))	\$5.25
No.	11	Single	wheel.			2.50
No.	12	Single	wheel.			3.50
					-	

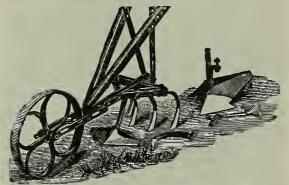
Planet Jr. Wheel Hoe Parts

Side Hoes, per pair, 4½-inch, 8oc.;	6-
inch, 90c.; 7-inch	\$1.00
Side Plows, per pair	1.10
Cultivator Teeth, each	35



Iron Age Double Wheel Hoes

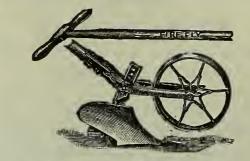
No. 1 Double	Wheel Hoe (see cut)\$7.00
No. 3 Double	Wheel Hoe 4.25
Iron Age Hand	l Plow (no wheel) 1.35



GEM SINGLE WHEEL HOE

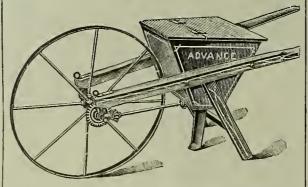
Of garden tools this is the most popular, being low in price and complete in detail, suited for most any work in a garden. It weeds, hoes, hills and harrows. Price, \$4.75.

Gem Double=Wheel Hoe......\$5.75



FIRE-FLY GARDEN PLOW

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops (after general plowing in spring). Price, \$2.25.



"ADVANCE" FERTILIZER DRILL

Best low-priced distributor on the market. A shut-off to prevent the escape of fertilizer when wheeling around end of row, is a late improvement; being one of those little things which go far, however, in making a tool valuable. A first-class machine for the drilling of peas and corn. Price, each, \$6.50.



No. 4 Planet Jr.

Combined Hill and Drill Seeder, Wheel Hoe Cultivator, Plow, Etc.

This is the most popular combined tool made. It combines in a single implement a first-class hill-dropping seeder, a single-wheel hoe or weeder, a cultivator and a plow. The hopper holds $2\frac{1}{2}$ quarts of seed, which can be sown in rows, or dropped in hills at 4, 6, 8, 12 or 24 inches apart.

hills at 4, 6, 8, 12 or 24 inches apart.

The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single-wheel hoe.

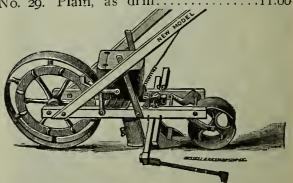
Price, complete as described above, \$10.50. As a seeder only, \$8.50.

No. 3 PLANET JR. SEEDER

This seeder is the latest and most perfect development of the hand seed drill. It sows evenly in drills, and also drops in hills at 4, 6, 8, 12 or 24 inches apart. It is thrown out of gear instantly by moving a convenient lever, or the flow of seed is stopped by pushing down the feed rod. No time is lost, no seed is wasted. It is quickly set to sow the different kinds of seed in the exact thickness required. Hopper holds 3 quarts. No. 3 Planet Jr. cannot be equipped as a wheel hoe. Price, \$10.00.

Prices of Planet Jr. Drills (Not Illustrated)

I	No.	Ι.	\$9.00 No. 2\$7.00
ı	No.	25.	Combined13.00
			Combined
			Plain, as a drill10.50
ı	No.	28.	Combined14.50
l	No.	29.	Plain, as drill11.00
ľ			



THE MODEL SEED DRILL

It is designed as a drill seeder only; the depth of sowing can be regulated to any desired distance. It is well named the market gardeners' drill, having a large capacity for seeds, and is a wonderfully efficient machine. Price, \$7.50.

IRON AGE SEED DRILLS

No. 6 Double and Single-Wheel Hoe, Hill and Drill Seeder combined, complete, \$12.00. No. 7 Hill and Drill Seeder only, \$9.00.

No. 4 Double and Single-Wheel Hoe, and Drill Seeder combined, complete, \$11.00. No. 5 Drill Seeder only, \$8.00.

No. 22 COMBINED FERTILIZER DISTRIBUTOR, HILL AND DRILL SEEDER

The two operations—seeding and fertilizing—are done in one. Price, \$17.00.

Iron Age and Planet Jr. Farm and Garden Tools, Etc.

Write for a complete catalog on either IRON AGE or PLANET JR. TOOLS-Mailed Free.



By means of the lever wheel the depth may be regulated with a single stroke of the arm; the expanding lever renders it able to go through very narrow rows successfully. The cultivator may also be used as a five-tooth machine by merely unbolting two teeth and arms. Price, \$6.50.



Equipped with side steels or coverers, which can easily be detached, and the regular cultivator teeth, which accompany each implement, attached. Price, \$5.50.



GRASS SEEDERS

These machines are now largely used for distributing grass and other seeds over large areas. The distributing box is very near the ground, which is an important feature, preventing the seed from blowing away and thus coming up unevenly.

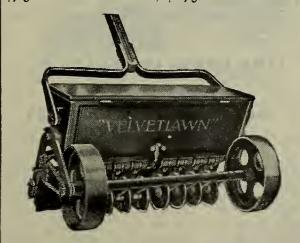
No. 5 (14 feet sowing area), \$6.75.



Made of steel throughout. The lever wheel and depth regulator enable the operator to increase or lessen the depth of tilling by the mere stroke of the arm. The side or covering steels and shovel which is in the rear may be taken off and the arms so turned that when the extra teeth, which accompany the machine, are attached, it presents a perfect five-toothed cultivator. Price, with cast wheel as above, \$8.50.

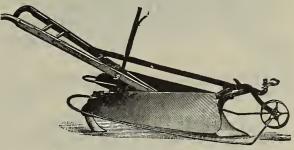


Many gardeners like the 7-tooth cultivator because it prepares the soil better than does the 5-tooth machine. The expanding lever makes possible to cultivate a row of greater width than is possible with a smaller size. Price, complete as in cut, \$7.50. Without wheel, \$6.75.



"VELVETLAWN" SEEDER

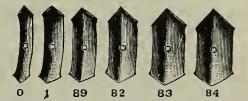
An excellent machine for properly sowing grass seed. It places it in the ground in close furrows, covers and rolls it at one operation. The result is an even, quick established lawns. Price, \$14.00.



Planet Jr. Double Celery Hiller

PLANET Jr. CELERY HILLER

For throwing earth against celery plants prior to blanching, nothing equals this machine. Made in two styles. Single, for hilling one side of the row. Double, for hilling one side of two rows. Price, double style, \$15.50; single style, \$12.50.



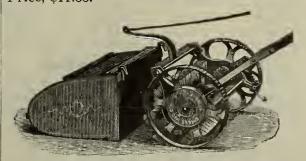
IRON AGE CULTIVATOR TEETH

No. Wid						
0—11/4	in\$	0.10	82-	-3	in	\$0.11
96—I½ I—2 89—2½	in	.10	83-	$-3\frac{1}{2}$	in	13
I 2	in	.10	84-	-4	in	.14
89-21/2	in	.10	68-	-4	in	.12
Bolts	for Tee	th, 3c.	each	; per	doz., 3	30c.



The Stevens Fertilizer Distributor

For distributing bone meal, wood ashes and other commercial fertilizers on fields, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 13/4 bu., nicely finished, covering area 3 feet wide. Price, \$11.00.



APOLLO LAWN CLEANERS

For sweeping lawns, paths, golf greens. growth of grass. Fine for resowing in tennis courts, etc. 28 inches wide, with rubber tires. Price, \$16.25.

Michell's Lawn Mowers Rollers, Etc.

17	viichen's .	Lawii Mov
PENNA. LAV	WN MOWER	LAWN TRIM
Low wheel, 8-		Grand for cutting arou
	16-inch\$9.50	
	18-inch10.45	Coldwell
14-inch 8.55	75	Penna. Regular style; B
High wheel, 101/	2-inch diameter.	Penna. Undercut style;
15-inch\$11.85	19-inch\$14.70	Capitol
17-inch 13.30	21-inch 16.15	Coldwell Gem. 8-inch cu
PENNA. JR. B.		GRASS CAT
	5-blade cylinder, 5½-	Braun's M
inch diameter.	5 blade cylinder, 5/2	For the Pennsylvania,
12-inch\$8.05	16-inch\$10.45	American B. B. and
14-inch 9.00	18-inch 11.40	Mowers.
	neel, 5-blade cylinder,	10-inch\$1.35 15
6-inch diameter.	, 0	12-inch 1.45 17
15-inch\$12.80	19-inch\$15.80	14-inch 1.60 19
17-inch 14.25	21-inch 17.10	16-inch 1.70 21
PENNSYLVA	NIA GOLF	18-inch 1.80
6 Blades Ball Plain	7 Blades Ball Plain	For Regal M 14-inch\$1.50 18
	9½ in. Wheel Bearing Bearing	16-inch 1.60 20
14-in. \$13.30 \$11.40	17-in\$19.00 \$15.70	For Coldwell Gree
16-in. 15.20 12.85	19-in 20.90 17.10 21-in 22.80 18.55	14-inch\$1.90 18
18-in. 17.10 14.25		16-inch 2.05 20
	ING GREENS	K. C. GRASS C
	dulating greens.	Fits any Mo
10-inch\$10.45	16-inch\$16.15	Made of sheet iron b
12-inch 12.35	18-inch 18.05	sides. Price, 12- to 16-in
14-inch 14.25		18- to 22-inch size, \$1.30.
	REENS MOWER	HORSE LAWN
Price is for either	Chain or Gear Drive	Coldwell, 25-in
without Grass Catche 6-blade cylinder.	4-blade cylinder.	Coldwell, 30-in. \$52.50, w
14-inch\$10.95	14-inch\$9.25	\$57.00.
16-inch 11.85	16-inch10.15	Coldwell, 35-in. \$66.50, w
18-inch 13.75	18-inch11.10	\$71.25.
20-inch 15.65	20-inch14.00	Coldwell, 40-in. \$80.00, w
	GOLF WONDER	\$85.50.
Without		Penna. Pony, 25-in.,
		Penna. Horse, 30-in., \$5%
14-inch \$16.35	l th-inch Stx 50	ν στικά. ποι συ, 30-111., φο,
14-inch\$16.35	16-inch\$18.50	shafts, \$68.40.
18-inch 19.95		shafts, \$68.40. Penna. Horse, 38-in., \$7.
18-inch 19.95 REGAL HI	GH WHEEL	shafts, \$68.40. Penna. Horse, 38-in., \$74 shafts, \$85.50.
REGAL HIC Ball-bearing, 5	GH WHEEL -blade cylinder.	shafts, \$68.40. Penna. Horse, 38-in., \$7. shafts, \$85.50. Penna. Grand Ho
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55	GH WHEEL -blade cylinder18-inch\$10.45	shafts, \$68.40. Penna. Horse, 38-in., \$7. shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft in
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch 9.50	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch 11.40	shafts, \$68.40. Penna. Horse, 38-in., \$7. shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft.
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch 9.50 CONTINENT.	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40	shafts, \$68.40. Penna. Horse, 38-in., \$7. shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft in
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch 9.50 CONTINENT. High wheel.	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel.	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft is 38-inch cut, with draft is 38-inch with seat and shaft in above prices are
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch 9.50 CONTINENT. High wheel. 15-inch\$11.85	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel. 10-inch\$6.65	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch cut, with draft is 38-inch with seat and shaft in above prices are with 4-blade cylinders.
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch 9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30	GH WHEEL -blade cylinder.	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch cut, with draft is 38-inch with seat and shaft in above prices are with 4-blade cylinders. cylinders on application.
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch 9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30 19-inch14.70	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel. 10-inch\$6.65 12-inch\$6.65 14-inch\$8.55	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch cut, with draft is 38-inch with seat and shaft in above prices are with 4-blade cylinders. cylinders on application.
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch 9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel. 10-inch\$6.65 12-inch\$6.65 14-inch\$55 16-inch9.50	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch with seat and shaft in above prices are with 4-blade cylinders. cylinders on application. Phila. Eagle, with seat 30-inch.\$67.50 35-inch.\$8
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30 19-inch14.70 21-inch16.15	GH WHEEL -blade cylinder. 18-inch \$10.45 20-inch 11.40 AL MOWERS Low wheel. 10-inch \$6.65 12-inch 7.60 14-inch 8.55 16-inch 9.50 18-inch 10.45	shafts, \$68.40. Penna. Horse, 38-in., \$7. shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch with seat and shaft in the above prices are with 4-blade cylinders. cylinders on application. Phila. Eagle, with seat 30-inch.\$67.50 35-inch.\$8 Philadelphia, with draft
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30 19-inch14.70 21-inch16.15	GH WHEEL -blade cylinder. 18-inch \$10.45 20-inch 11.40 AL MOWERS Low wheel. 10-inch \$6.65 12-inch 7.60 14-inch 8.55 16-inch 9.50 18-inch 10.45 N BALL BEARING	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch with seat and shaft in the above prices are with 4-blade cylinders. cylinders on application. Phila. Eagle, with seat 30-inch.\$67.50 35-inch.\$8 Philadelphia, with draft 30-inch.\$60.00 35-inch.\$72
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30 19-inch14.70 21-inch16.15 GREAT AMERICA High	GH WHEEL -blade cylinder. 18-inch \$10.45 20-inch 11.40 AL MOWERS Low wheel. 10-inch \$6.65 12-inch 7.60 14-inch 8.55 16-inch 9.50 18-inch 10.45 N BALL BEARING wheel.	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch with seat and shaft in the above prices are with 4-blade cylinders. cylinders on application. Phila. Eagle, with seat 30-inch.\$67.50 35-inch.\$8 Philadelphia, with draft 30-inch.\$60.00 35-inch.\$72 LAWN MOWER OIL
18-inch 19.95 REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30 19-inch14.70 21-inch16.15 GREAT AMERICA High 15-inch\$9.50	GH WHEEL -blade cylinder. 18-inch \$10.45 20-inch 11.40 AL MOWERS Low wheel. 10-inch \$6.65 12-inch 7.60 14-inch 8.55 16-inch 9.50 18-inch 10.45 N BALL BEARING wheel. 19-inch \$11.40	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch with seat and shaft in the above prices are with 4-blade cylinders. cylinders on application. Phila. Eagle, with seat 30-inch.\$67.50 35-inch.\$8 Philadelphia, with draft 30-inch.\$60.00 35-inch.\$7 LAWN MOWER OIL Quart 20c., 35c. per ½-
18-inch	GH WHEEL -blade cylinder. 18-inch \$10.45 20-inch 11.40 AL MOWERS Low wheel. 10-inch \$6.65 12-inch 7.60 14-inch 8.55 16-inch 9.50 18-inch 10.45 N BALL BEARING wheel. 19-inch \$11.40 21-inch 12.35	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch with seat and shaft in the above prices are with 4-blade cylinders. cylinders on application. Phila. Eagle, with seat 30-inch.\$67.50 35-inch.\$8 Philadelphia, with draft 30-inch.\$60.00 35-inch.\$72 LAWN MOWER OIL
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REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch\$9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30 19-inch\$14.70 21-inch\$16.15 GREAT AMERICA High 15-inch\$9.50 17-inch\$10.45 PHILADELPH High wheel, style A. 15-inch\$10.00	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel. 10-inch\$6.65 12-inch\$6.55 16-inch\$9.50 18-inch10.45 N BALL BEARING wheel. 19-inch\$11.40 21-inch\$11.40 21-inch\$25 HA MOWERS High wheel, style K. 14-inch\$6.20	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch shaft in 38-inch shaft in 39-inch
REGAL HICE Ball-bearing, 5 14-inch\$8.55 16-inch\$9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30 19-inch\$14.70 21-inch\$16.15 GREAT AMERICA High 15-inch\$9.50 17-inch\$10.45 PHILADELPH High wheel, style A. 15-inch\$10.00 17-inch\$10.95	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel. 10-inch\$6.65 12-inch\$6.55 16-inch9.50 18-inch10.45 N BALL BEARING wheel. 19-inch\$11.40 21-inch\$12.35 HA MOWERS High wheel, style K. 14-inch\$6.20 16-inch\$6.20	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft in 30-inch with seat and shafts in 38-inch cut, with draft in 38-inch with seat and shafts in 38-inch shafts in 38-inch shafts in 39-inch shaft
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REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch\$9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30 19-inch\$16.15 GREAT AMERICA High 15-inch\$9.50 17-inch\$9.50 17-inch\$10.45 PHILADELPH High wheel, style A. 15-inch\$10.00 17-inch\$10.00	GH WHEEL -blade cylinder. 18-inch \$10.45 20-inch 11,40 AL MOWERS Low wheel. 10-inch \$6.65 12-inch 7.60 14-inch 9.50 18-inch 10.45 N BALL BEARING wheel. 19-inch \$11.40 21-inch \$2.35 HA MOWERS High wheel, style K. 14-inch \$6.20 16-inch \$6.20 16-inch \$6.50 18-inch 7.15 20-inch 7.60 URE MOWERS Low wheel, 3-blade. 12-inch \$4.25 14-inch \$4.25 14-inch \$4.25 14-inch \$5.00	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft in 30-inch with seat and shafts in 38-inch shafts in 39-inch
REGAL HIC Ball-bearing, 5 14-inch	GH WHEEL -blade cylinder. 18-inch \$10.45 20-inch 11,40 AL MOWERS Low wheel. 10-inch \$6.65 12-inch 7.60 14-inch 9.50 18-inch 10.45 N BALL BEARING wheel. 19-inch \$11.40 21-inch 12.35 HA MOWERS High wheel, style K. 14-inch \$6.20 16-inch \$6.20 16-inch \$6.50 18-inch 7.15 20-inch 7.60 URE MOWERS Low wheel, 3-blade. 12-inch \$4.25 14-inch \$4.25 14-inch \$5.00 WN MOWERS	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft in 30-inch with seat and shaft in 38-inch cut, with draft in 38-inch with seat and shaft in 38-inch shaft in 38-inch shaft in 38-inch shaft in 38-inch shaft in 39-inch
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REGAL HIC Ball-bearing, 5 14-inch\$8.55 16-inch\$9.50 CONTINENT. High wheel. 15-inch\$11.85 17-inch\$13.30 19-inch\$16.15 GREAT AMERICA High 15-inch\$9.50 17-inch\$9.50 17-inch\$10.00 17-inch\$10.00 17-inch\$10.95 19-inch\$10.95	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11,40 AL MOWERS Low wheel. 10-inch\$6.65 12-inch	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch shaft in 39-inch
REGAL HIC Ball-bearing, 5 14-inch	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel. 10-inch\$6.65 12-inch9.50 18-inch9.50 18-inch10.45 N BALL BEARING wheel. 19-inch\$11.40 21-inch\$235 HA MOWERS High wheel, style K. 14-inch\$6.20 16-inch\$6.20 18-inch\$6.20 16-inch\$6.20 16-inch\$6.20	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft in 30-inch with seat and shaft in 38-inch shaft in 38-inch shaft in 38-inch shaft in 38-inch shaft in 39-inch
REGAL HIC Ball-bearing, 5 14-inch	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel. 10-inch\$6.65 12-inch9.50 18-inch10.45 N BALL BEARING wheel. 19-inch	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft in 30-inch with seat and shaft in 38-inch shaft in 39-inch
REGAL HIC Ball-bearing, 5 14-inch	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel. 10-inch\$6.65 12-inch9.50 18-inch10.45 N BALL BEARING wheel. 19-inch\$11.40 21-inch\$25 High wheel, style K. 14-inch\$6.20 16-inch\$6.20 16-inch\$6.20 16-inch\$6.20 16-inch\$6.20 16-inch\$6.20 16-inch\$6.20 16-inch\$6.20 16-inch\$6.20 16-inch\$6.20 18-inch\$6.20 18-inch\$6.20 18-inch\$6.20 18-inch\$6.20 18-inch\$6.20 18-inch\$6.20 18-inch\$6.20 18-inch\$6.20	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch shaft in 39-inch
REGAL HIC Ball-bearing, 5 14-inch	GH WHEEL -blade cylinder. 18-inch\$10.45 20-inch11.40 AL MOWERS Low wheel. 10-inch\$6.65 12-inch9.50 18-inch10.45 N BALL BEARING wheel. 19-inch	shafts, \$68.40. Penna. Horse, 38-in., \$7.5 shafts, \$85.50. Penna. Grand Horse, 30-inch cut, with draft is 30-inch with seat and shaft in 38-inch shaft in 39-inch

Lawn Mo)wers, kc
LAWN TI	RIMMERS
Grand for cutting	around walks, drives,
flower beds and bord	ers.
Coldwell	\$4.75
Penna. Regular style	; Ball-bearing 4.75 e; Ball-bearing 7.00
Capitol	5.70
Coldwell Gem. 8-inc	5.70 h cut 4.75
	ATCHERS
Braun'	s Make
For the Pennsylvan	nia, Continental, Great
American B. B. a Mowers.	ind New Departure
10-inch\$1.35	15-inch\$1.70
12-inch 1.45	17-inch 1.80
14-inch 1.60	19-inch 1.90
16-inch 1.70	21-inch 2.00
18-inch 1.80 For Rega	1 Moveyowe
14-inch\$1.50	18-inch\$1.70
16-inch 1.60	20-inch 1.80
	Greens Mowers
14-inch \$1.90	18-inch\$2.20 20-inch 2.30
	S CATCHER Mower
Made of sheet iro	n bottom and canvas
	6-inch size, \$1.15 each;
18- to 22-inch size, \$1.	.30.
	NN MOWERS
Coldwell, 25-in	\$36.00
Colawell, 30-1n. \$52.5	o, with seat and shafts
\$57.00.	o, with seat and shafts
\$71.25 m. \$00.50	o, with scat and sharts

\$71.25. Coldwell, 40-in. \$80.00, with seat and shafts \$85.50. Penna. Pony, 25-in., \$28.50 Penna. Horse, 30-in., \$57.00, with seat and shafts, \$68.40. Penna. Horse, 38-in., \$74.10, with seat and shafts. The above prices are for horse mowers with 4-blade cylinders. Price for 6-blade Phila. Eagle, with seat and shafts. 30-inch.\$67.50 | 35-inch.\$82.50 | 40-inch..\$100 Philadelphia, with draft irons only. 30-inch.\$60.00 | 35-inch.\$72.00 |

LAWN MOWER OIL (Best Quality) Quart 20c., 35c. per ½-gallon, gallon 65c., 2.50 for 5 gallons.

"BOSS"			ROLLER	RS
	Long	Sec.	Lbs.	
No. 1—15 in.	15 in.		150	.\$7.25
No. 2—15 in.	22 in.	3	200	. 9.25
No. 3—20 in.	16 in.	2	225	. 10.50
No. 4-20 in.	20 in.	2	250	.11.75
No. 6—20 in.	24 in.	3	300	. 14.00
No. 7-20 in.	24 in.	2	300	. 14.00
No. 8—20 in.	30 in.	3	350	. 16.25
No. 9—24 in.	20 in.	2	400	. 18.25
BAZ A ODBODE	DATE	OM D	OFFER	

WATER BALLAST ROLLERS

No.	Sec-		Width	Weight		Price
				Empty		
H.W. 6	I	24	24	185	560	\$14.00
H.W. 8	I	24	32	200	' 710	15.50
H.W.10		18	24	160	360	14.75
H.W.12		24	32	230	710	19.25
We o	can	also suj	pply (other :	sizes of	water
ballast	roll	ers.				

BOSS HORSE ROLLERS

No.	Diam.	Length	Weight	Price
40	24 i n.	30 in.	650 lbs.	\$38.50
41	24 in.	40 in.	800 lbs.	45.50
42	24 in.	50 in.	950 lbs.	52.00
45	28 in.	50 in.	1200 lbs.	65.00
63	24 in.	60 in.	1450 lbs.	57.00
65	28 in.	48 in.	1350 lbs.	55.00
66	28 in.	60 in.	1650 lbs.	65.00
67	28 in.	72 in.	1950 lbs.	75.00
	A1s	o all other	sizes.	



GRASS SHEARS

TAO.		
3075.	6-inch, English	\$0.90
3075.	7-inch, English	1.10
119.	7½-inch, Saynor (inside spring)	1.35
120.	7½-inch, Saynor	1.50
360.	6 -inch, English	.65
	5½-inch	.55
263.	5½-inch, Trowel Shank	.45
268.	5½-inch, Extra Heavy	.55
273.	American	.30

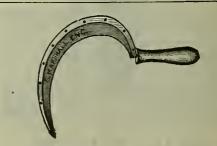


3	SCYTHES	
	Eac	
'	English, 32-inch, rivet back\$1.10 English, 34-inch, rivet back	0
1	English, 34-inch, rivet back 1.10	0
	English, 36-inch, rivet back 1.2	0
	English, 30-men, rivet back	v
	English 28-inch solid back 13	₹
	American, Little Giant, 32-inch8	0
2	American, Little Giant, 34-inch9	0
2	American, Little Giant, 36-inch 1.0	0
)	Bush	5
,	American, Little Giant, 32-inch	0
٠,		



SHARPENING STONES

			Doz.
Talacre	 	 .\$0.15	\$1.50
Darby Creek	 	 .IO	1.10
Carborundum	 	 20	- 2.25



SICKLES OR GRASS HOOKS

i	English Soldier, No. 3, cach, 55c.; \$5.75 doz.
l	English Soldier, No. 2, each, 45c.; 5.25 doz.
I	English Soldier, No. 1, each, 45c.; 5.25 doz.
Į	Dutch, small, No. 1, each, 25c.; 2.75 doz.
Į	Dutch, large, No. 2, each, 30c.; 3.25 doz.
I	Little Giant, each, 45c.; 5.00 doz.
I	Solid Back, No. 2, each, 40c.; 4.50 doz.
	Village Smithy, each, 40c.; 4.50 doz.



STEEL GARDEN RAKES

Made of best cast steel, with long teeth for penetrating the ground.

5	tooth\$0.	30 12	tooth\$o	.50
6	tooth	40 14	tooth	·55
8	tooth	40 16	tooth	.60
	tooth			



STEEL GRAVEL RAKES

These rakes are used for road-raking and for paths. Having very short teeth they do not gather up stones or gravel.

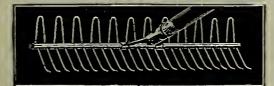
not gather up stones	
	16 tooth\$0.60
14 tooth55	18 tooth
20 tooth	\$0.70



STEEL BOW RAKES

Preferred by many to the regular garden rake. The teeth are slightly bent toward the operator.

II tooth.....\$0.55 | 13 tooth.....\$0.60



GIBBS OR LAWN QUEEN RAKE

Made of heavy tinned steel wire. These are excellent for lawn or walk work. The rake is reversible and will answer several purposes.

24 tooth.....\$0.45 | 36 tooth.....\$0.65



OLE OLSEN LAWN RAKES

This rake head is slightly curved from the centre to each end which does not allow any material that has been caught by the teeth to slip around the edges.

26 tooth, hickory wood. Price, 45c.



LAWN KING RAKES

Made of best hard wood, thoroughly braced with iron. The most excellent wooden lawn rake in the market.

22 tooth.....\$0.25 | 38 tooth.....\$0.65
26 tooth......\$90





Eureka Weeding Fork, 25c. each, doz. \$2.50

DIBBLES Iron, wood handle....each, \$0.35 Brass, wood handle (5 for \$2.25).....each, .50



Hazeltine Weeder, 25c. each, doz. \$2.50



Eureka Weeder, 25c. each, doz. \$2.50



Yoder Weeder, 25c. each, \$2.50 per doz.



JOHNSON'S STEEL TROWELS

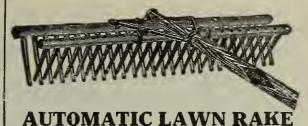
These are made of one piece steel blade and shank, equal to the imported trowels.

			Doz.	Each
2I I.	5	inch	 \$3.25	\$0.30
211.	6	inch	 4.50	.40
211.	7	inch	 5.50	.50
211.	8	inch	 6.50	.60
211.	8	inch	 6.50	.60



STEEL SHANK TROWEL

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 6 in. blade. One of them will last a lifetime. 50c. each, doz. \$5.50.



This rake is fitted with an unloading head. While raking, this head lies forward, and upon pressing the rake forward, the unloading head moves backward cleaning out the raking head entirely.

raking head entirely.
22 tooth.....\$0.45 | 38 tooth.....\$0.90
26 tooth......55 | 50 tooth...... 1.25



14 tooth with wood bows. For hay, etc.\$0.50
24 " " lawns . .65
24 ." " steel " " . .70



MARKING RAKES

These are for marking out garden rows; adjustable brass teeth, which are set for any width row desired up to $4\frac{1}{2}$ ft. Price, 5.00. (Extra teeth, 50c. each.)



5-inch		8-inch55
4-inch	35	7-inch
3-inch	\$0.30	6-inch\$0.45



SQUARE HOES

			_	 	_	_	_	_	_	_	
3-inch,	solid	shank	τ	 			 ٠.				 .50
-inch,											
-inch,											

io-inch\$0.75 | 14-inch\$1.15 CLEVE'S ANGLE TROWEL

SQUARE CELERY HOES

For getting dandelion, plantain and other weeds out of the lawn, etc. 5-in\$0.12 | 7-in....\$0.15 | 8-in....\$0.20

MISCELLANEOUS TROWELS

	Each	Doz.
No. 213-5-in., Thin Steel,		\$0.80
No. 213-6-in., Thin Steel,	.10	1.00
No. 213-6-in., Heavy Steel		
(Neverbreak)	.12	1.25

343

04993.



SINGLE PLANK LADDERS

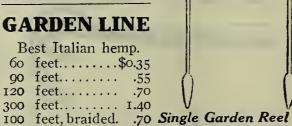
Made of good hard wood,	free
from faulty knots; with per	fect
rounds.	
10-foot\$	2.20
12-foot	2.64
14-foot	3.08
16-foot	3.56
18-foot	3.96
20-foot	4.40
Longer sizes up to and include	
24-foot, 22c. per foot.	

EXTENSION LADDERS These are made in the best manner possible, a r.e complete. being equipped with the necessary rope and pulleys. 16-foot 18-foot 4.86 20-foot 5.40 22-foot 6.48 24-foot 26-foot 7.02 7.56 8.10 28-foot 30-foot 32-foot 8.64 34-foot 9.18 36 to 44-foot size at

GARDEN REELS

Small, Single\$0.45 Medium, Single70	
Large, Single 1.25" Large, Double 1.80	
GARDEN LINE	

26c. per foot.



Plow Line Cotton, 45-foot hanks, 35c.

GRAFTING WAX

Best English steel for grafting trees, etc. With Wood_Handle.....\$0.70

HORTICULTURAL KNIVES

778B. German Budding, 1 blade..... .60 01859. German Budding and Pruning,

band, cocoa handle.

727W. German Budding, 2 blades....

German Budding and Pruning,

German Pruner, I blade, steel

GRAFTING TOOL

2 blades..

Saynor Budding, I bladc.....\$1.35

Saynor Budding, I blade..... 1.35 Saynor Budding, 2 blades 1.60

1/4 lb., 8c.; 12c. 1/2 lb.; I lb., 20c.; 90c.



LOPPING SHEARS

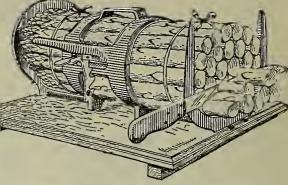
These are used in trimming trees and for cutting heavy hedge that the regular hedge shear will not cut. Rockdale Style Searight Style (see cut). Has a tremendous leverage, which means easy cutting; made of the finest American

RHODES LOPPING SHEAR

For trimming trees, bushes, heavy shrubbery,

etc. Makes an absolutely clean, perfect cut, the blades are concaved at the cutting edge. producing with the handles an enor-mous leverage. They are the easiest operating Lopping Shears ever made or sold. 24inch handles.

Price, \$2.35
Clipper Lopping Shear\$1.80



ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform. **Buncher**, with Knife Guard, \$1.50.



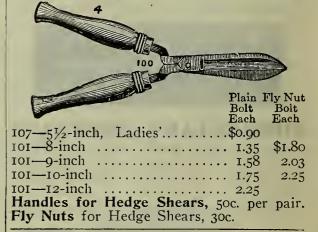
ASPARAGUS KNIVES

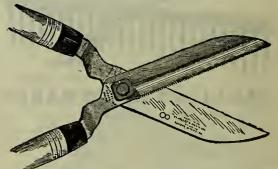
Bateman's	(see cut)	\$0.25
American.	V-shaped blade	

ASPARAGUS TAPE

A beautiful shade of cherry red in 1000yard spools, waterproof. When tied with this material asparagus will bring fully 20 per cent. more. \$2.00 per spool; 5 spools,

ENGLISH HEDGE SHEARS





HEDGE SHEARS (Neverslip)

As may be seen by the illustration, these shears have a saw edge on one blade which prevents them from slipping when cutting, made of the best quality English steel. 8-in....\$1.60 | 9-in....\$2.00 | 10-in....\$2.25

SAYNOR HEDGE SHEARS (Fly Nut)

For very heavy hedges. 9-in.....\$2.25 | 10-in.....\$2.50

UNIQUE HEDGE TRIMMER

A practical tool for trimming the summer



SPADING FORKS

Strapped shanks, short or D-wood	handle.
Made of best quality steel.	Each
Men's, 4 tine	\$0 .90
5 "	I.05
Boys' or Ladies', 4 tine	50





SHOVELS

We handle only the very best makes of steel shovels. Every one is guaranteed to give entire satisfaction.

to give chilic satisfaction.	
Short Handle	Each
Ames, round point	.\$1.25
Ames, square point	. I.25
Maynard, solid socket, square point	
Maynard, solid socket, round point	. I.25
Imperial, round point	
Imperial, square point	85
Long Handle	
Ames, round point	.\$1.25
Imperial, round point	
Imperial, square point	90
Featherweight, round point, 41/4 lbs.	. I.10
Maynard, round point	. 1.25



LEAF RACKS, WATER BARRELS, ETC.

Leaf Rack only, no truck
" " $2\frac{1}{2}$ " " " " " " " " " " " " " " " " " " "
" " 2½" " 11.73 " " 3½" " 12.50 Water Barrel with 1½ inch truck 0.73
" " 3½" " 12.50 Water Barrel with 1½ inch truck 0.73
Water Rarrel with IL inch truck 0.73
water barrer with 1/2 men truck 9./3
" " $2\frac{1}{2}$ " " 10.50 " " 11.00
Extra Barrels with trunnions 3.23
Keystone Leaf Rack 3.80

PRUNING SHEARS, ETC.

Our pruning shears are procured from the most reliable makers in America and Europe and but 03 are fully guaranteed in every particular.



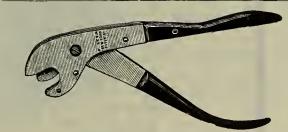
ļ	
	No. Wiss Pruning Shears
	109 Wiss, 8 in\$1.75
	190 Henckle Pattern, 7½ in 1.00
	$8\frac{1}{2}$ " 1.25
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
	Searight (Compound), 8½ in 1.60
	The Henckle patterns are equipped with
	a ratchet nut which takes up all wear and
	allows the shear to make a perfect cut.
	Rhodes' Double Cut, 9 in\$1.60
	88 Hessenbruch, 8 in
	1537 German, 8 in
	o3 American, 8 in
	23 Ladies' nickeled, 4½ in
	23 Ladies nickeled, 4½ in
	$ 23 $ " " $6\frac{1}{2}$ "



FRENCH PRUNING SHEARS

These have a distinct, very easy working, spring and are especially desirable for one whose hand is liable to fatigue when pruning.

French, small, 7 inch......\$1.10
" large, 8½ inch............1.35



LEVIN PRUNER

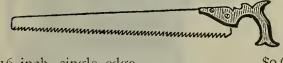
On account of its peculiar construction, the handle of this shear affords a great deal of leverage. Ideal for cutting stakes. Price, 6oc.

Price, 6oc.

Spiral Springs for Pruning Shears, 8c. each; per doz., 85c.

Springs for French Pruning Shear, 2oc.

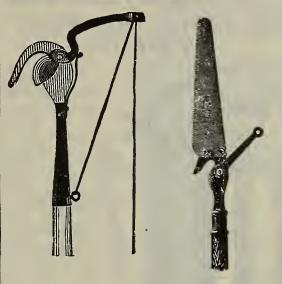
PRUNING SAWS



	16	inch,	single	edge												(\$0.6	0
	18	••		.,													.70	
	20	6.6	66	+4													.8	5
	22	4.6	6.6	.6													1.0	~
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I		www.eneroeneroeneroeneroeneroeneroeneroener	CONTRACTOR	abon aca	474	m,	10	ረ ታዊያ	4747	-fl-fl-	55							
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ŀ	18 inch Duplex (double edge)\$0	.7: .8:
I	Searight Adjustable Tree Saw. Can be worked from any angle	

TREE PRUNERS



Disston's Pole Pruner

Pruner and Saw



TELEGRAPH TREE PRUNER

Price, \$0.85.

HESSENBRUCH TREE PRUNER

No.															ce	
5340	 			•						 				\$1	.Io	
1820	 									 				2	.25	
1806	 											٠.		I	.60	٠
1805	 									 					.65	



WATERS TREE PRUNERS

With removable cutting blade and pole complete.

4 feet\$0.65
6 " 75
8 " 90
10 " 1.00
12 " 1.10
14 " 1.35
Extra Blades for Waters Pruners, 20c. each.

LEATHER PRUNING

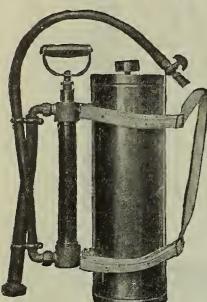
GLOVES



Buckskin,	pair		\$1.35
Ordinary.	pair		I,IO
Buckskin,	with	gauntlets, pair	1.75

Sprayers and Insecticide Distributing Apparatus

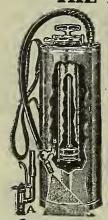
THE BIDWELL COMPRESSED AIR SPRAYER



Absolutely the best of all the compressed air sprayers; the heavy s h e et-copper tank has a capacity of 5 gallons; the pressure capacity is 45 pounds. Unlike most other sprayers this one will empty the contents of the reservoir with one charge; the pump is indepen dent

of the tank and every part can be gotten at. Every piece is brass and copper except the hose and washers. The liquid is pumped into the reservoir through the same hose which takes in the air. Fitted with a famous Winkle-Mist nozzle; full directions with each one, together with our full guarantee. Price, \$14.25 each.

THE AUTO SPRAY



Auto Spray showing Auto-Pop Attachment

Now used by all leading florists and fruit growers. It operates with compressed air; safe and efficient; liquid capacity, 4 gallons; pressure capacity, 40 lbs.
No. I-A Brass, equip-

ped with hose and regu-

lar nozzle, \$6.00.

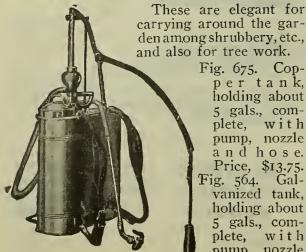
No. 1-B Brass, equipped with hose and Auto-

Pop Attachment, \$6.50. No. I-C Galvanized Iron, equipped with hose and regular nozzle, \$4.00. 1-D Galvanized Iron,

equipped with hose and Auto-Pop, \$4.50.

Auto=Pop Nozzle Attachment controls the flow instantly by a pressure of the hand. When purchased separately, \$1.35 each.

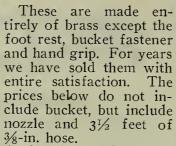
DEMING KNAPSACK SPRAYERS



and hose. Price, \$9.00.

Fig. 675. Copper tank, holding about 5 gals., complete, with pump, nozzle a n d h o s e. Price, \$13.75. Fig. 564. Galvanized tank, holding about gals., complete, with pump, nozzle

SPRAY **BUCKET PUMPS**



Success (without bucket fastener) ... \$3.70 Perfect Success (with bucket fastener) 4.15

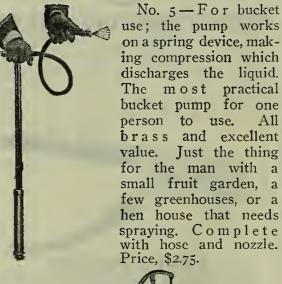


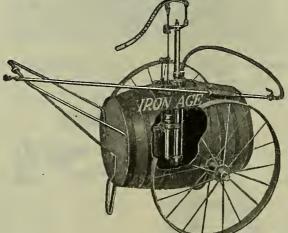
MYER'S BUCKET PUMP

This is a double brass chamber arrangement, and fills the want of those desiring a medium-priced sprayer.

Price, \$2.85, including hose and nozzle.

JUNIOR SPRAY PUMP





IRON AGE SPRAYER, No. 197

A perfect outfit for gardens, small farms, poultry, plants, etc.; capacity, 20 gals. Pump all brass with a 6-inch stroke, large air chamber with a 100-lb. pressure capacity; bronze brass ball valves of easy access. Equipped with a perfect agitator, 4 feet of extension rod with hand grip and 4 feet of 1/2-in. hose, stop cock and nozzle. \$15.75.

OTHER IRON AGE SPRAYERS, not shown here; send for descriptive list.

No. 1901—Capacity 50 gals., equipped with 15 ft. ½-in. hose, 1 nozzle, \$22.00.

Equipped with two 15-ft. lengths of 1/2-in. hose and 2 nozzles, \$25.50.

No. 194. Equipped with a 50-gal. barrel, 15 ft. of ½-in. hose and nozzle, \$17.25.

No. 194. Equipped with hose and nozzle

only, \$13.85.

Plain pump, without hose or nozzle, \$9.50.

No. 194T—This is the same as the above pump equipped with a 2½-in. truck, barrel, 15 ft. of ½-in. hose and nozzle, \$25.00.

No. 194T—Without hose or nozzle, \$21.75.

No. 195—Really a duplicate of No. 197, except that it is equipped with a 16-qt. bucket and a 2-ft. extension rod, \$7.50.



No. 3 Paragon Sprayer

THE PARAGON SPRAYER

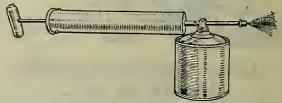
Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir; although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or cold water

No. 0—With a 3-gal. reservoir, 4 ft. of hose, nozzle and extension pipes. Price, \$7.15. No. 1-With a 5-gal. reservoir, 5 ft. of

hose and 2 extension pipes, \$9.50.

No. 3—Equipped with a 12-gal, tank mounted on a truck, three 2½-ft. extension pipes, 2 nozales and 10 ft. of hose, \$14.25.

No. 4—Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose, and 2 nozzles. Complete, \$21.00.



AUTOMATIC COMPRESSED AIR SPRAYER

This is the grandest hand sprayer ever offered, very easily operated. Tin.....each, \$0.90 | Brass.....each, \$1.75

CYCLONE HAND SPRAYERS

Similar to the above except they do not have the automatic air reservoir attachment.

Tin.....each, \$0.40 | Brass....each, \$0.80

81

Simplex Barrel Pump



One of Deming's very best sprayers. Fitted with brass cylinders. Equipped with an automatic agitator. Will throw a stream 40 feet. Plain Pump, no hose, nozzle or barrel. \$7.15.

Outfit A-Pump, with 12½ ft. ½-in. hose, fitted with a Bordeaux or Vermorel nozzle and pole connection for reaching into trees, no barrel. \$10.00.

Outfit B-Pump, with two 121/2-foot sections of ½-in. hose, two Bordeaux or Vermorel nozzles, pole connection, no barrel. Price, \$13.00.

Century Pump



A very powerfulpump; working parts are entirely of brass; has large air chamber; also a perfect agitator and a long ful-crum link, which enables the operator to work the pump with little ef-fort. The pump is largely sub-merged, which places it out of the way of all

obstructions on the outside.

Price for plain pump, no barrel or hose,

Price, complete, with 12½ ft. ½-in. hose and nozzle, no barrel, \$13.00. Price, with two 12½-ft. leads, hose and nozzles, no barrel, \$16.00.

Barrels, with trunnions ready to mount on truck, with cut head, \$3.25.



Gardener's **Choice Spray Outfit**

Here is an equipment that is easily worth \$5.00 more than we ask for it; truly it is the greatest value in spray pumps we have; the reservoir holds 25 gals.; the pump has brass cylinder, and it is a complete equipment with hose and nozzle. Just the proper thing for use in greenhouses with wide aisles or without benches. Price, \$15.00.



Vaporizing Lamp

Practical and indestructible, all metal, burns kerosene, used for dispensing fumes of Nicoticide, Tobakine and other preparations of this sort. 50c. each, doz., \$5.00.

Paris Green Shakers

Tin. For dusting vegetables, potatoes, s m a 11 fruit and shrubbery, 45c.

Farmer's Favorite. (See cut.) Large doubleaction affair, \$1.15 each.

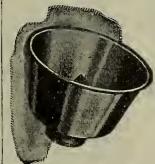




Dickey Duster

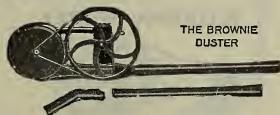
Excellent for distributing Bug Death, Slug Shot, etc. Price, 25c.; by mail, 35c.

'Acre an Hour" Sifter. 70c. each.



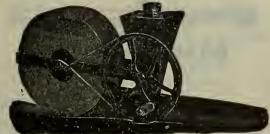
Copper Strainer

For straining whitewash, spraying material, etc. 90c. each.



Brownie Gun

For distributing all Insect Powders for indoor or outdoor use. Price, \$3.75.



Sulphur Blower

For distributing sulphur and insecticides of various kinds. Made of heavy metal with no wearout to them. A man can dust a very large house in a few minutes, using one of these blowers. Price, \$4.00.

Champion Gun

For distributing dry insecticides, of all kinds, indoors or out. Will save its price in material the first six months of use. Price, \$7.50.



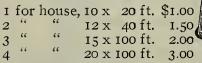
Fumigators

Perfection Make

Fitted with a Water Tank to prevent burning out.

I for house, 12 x 40 ft. \$2.75 15 x 100 ft. 3.25 20 x 100 ft. 3.75 20 x 150 ft. 5.00

Eureka Make



Eureka



Bellows

Large Double Cone\$2.70
Large Single Cone
Small Single Cone 1.00
Liquid Spraying\$1.35 and 1.80
Sulphur Bellows 1.33

Copper Strainer

For straining whitewash, spraying material, etc. 90c. each.

Spray Nozzles 3/8 in. thread

Bordeaux and Vermoreleach	1, \$0.70
Mistry, Jr	85
Winkle Mist	70
Paragon style	35
Duplex Vermorel (2 nozzles)	1.40
Triple Vermorel (3 nozzles)	
Quadruple Vermorel (4 nozzles)	2.15
Duplex Mistry (2 nozzles)	2.75
For 3/4-in. connections, add 250	c.

Extension Pipes, Etc.

For reaching into trees (3%-in. threads). Bamboo, with brass tube, 8 ft......\$1.90 10 ft..... 2.25 Galv. Iron, 2 ft., for Auto Sprays..... .25

hand grips and drip guard, for ½-in. thread. Price, \$2.55.

Iron Age. Fig. 420—Bamboo casing with brass pipe inside, with angle connection, stop cock, 2 hand grips and drip guard, 10 ft. long. Price, \$3.60.

Extensions for Paragon Sprayers, 21/2 ft. 45c. each.

RELIABLE



RUBBER HOSE

Michell's Rubber Hose is noted for its reliability in every way. We buy from the manufacturer in enormous quantities.

ŀ	er Foot
Bull Dog, 3/4-in., 7-ply	\$0.15
Standard, 3/4-in., 4-ply	.II
Reliable, 3/4-in., 3-ply	$.12\frac{1}{2}$
" I-in., 3-ply	.21
" 3/4-in., 4-ply	.15
" I-in., 4-ply	.26
" ½-in., 4-ply	.II.
*Any Length, 3/4-in. (500 ft., \$67.50)	.14½
*Electric, 3/4-in. (500 ft., \$78.00)	.16
*Electric, ½-in	$.14\frac{1}{2}$
*Revero, 3/4-in. (500 ft., \$78.75)	.16
*Revero, ½-in	.14
Spray Hose, 3/8-in	.II
P S-Brands marked * come in r	eels of

500 feet and sections in any length to that number of feet may be had.

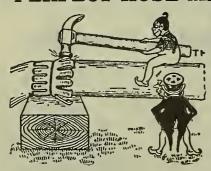
Longer sections of hose coupled free. Smaller sections coupled at the rate of 15c. per pair for couplings.

Hose Washers. For inside and outside of couplings. 5c. doz.; 1/4 lb., 20c.; 70c. lb. Hose Protectors. For fastening to green-house bench legs. Keeps hose from wearing out. 25c. each; doz., \$2.50.



E	ach	Doz.	100
Cooper's-3/4-in\$	0.07	\$0.75	\$5.75
** ½-in	.07	.75	5 .7 5
Jones'— 3/4-in. (iron)	.05	.50	3.50
Hudson's —3/4-in. (brass)	.04	.42	3.00
1/2 " "	.04	.42	3.00

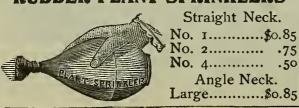
PERFECT HOSE MENDER

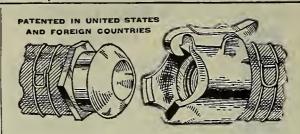


entirely of brass, with swivel motion-no band required. For ¾ inch hose, 8c. each; doz. 8oc.; \$6.25 per 100.

Made

RUBBER PLANT SPRINKLERS





SNAP HOSE COUPLING

Snap Couplings are entirely new and novel. They couple hose instantly, work on a spring, and are water-tight. 25c. per pair; doz. pairs, \$2.75; \$20.00 per 100.

SNAP COUPLING PARTS

No. 2-Male (see left hand illustration above). 8c. each; doz., 85c.; \$6.50 per

No. 1—Female (see right hand illustration above). 17c. ea.; doz., \$1.90; \$13.50 per 100. Washers for Snap couplings, 20c. doz.

BOSTON SPRAY NOZZLE



These render the same service as does the rose of a watering can. They are screwed on the end of the hose like any other nozzle. Coarse

and fine screen, 3/4-inch,
All Brass, 6oc.; by mail,
Copper (Sheet), 5oc.; by mail, 6oc.

BOSS HOSE NOZZLES

For 3/4-inch hose. Price, 40c. each.

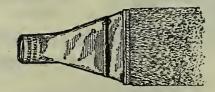


GEM HOSE NOZZLE



3/4-inch hose. Can be regulated to give three different streams. Price, 3oc.

RAINBOW NOZZLE



This nozzle gives the same result as when the thumb is placed over the hose, \$1.50.



BRASS SYRINGES

No. Diam. length 99 — $1\frac{1}{2}$ " 18" Spray rose only.....\$2.25 101 — $1\frac{1}{4}$ " 14" Spray rose and stream 1.75 101 — $1\frac{1}{2}$ " 16" """3.00 104 — $1\frac{3}{4}$ " 18" 2"""""5.00 107 — $1\frac{3}{4}$ " 20" (Adjustable)......4.50 Lewis (Sheet Brass), 1 qt. capacity, \$1.60.

RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Price,

WATER CANS Wotherspoon's Make



		Wotherspoon Round	Make Oval	Light Gal anized Make
2-quart		\$1.05		
4 "		1.44		\$0.30
4 "	.	. 1.67	\$1.89	.46
8 ."		. 1.80	2.12	.50
10 "		2.03	2.34	· 5 5
12 "		2.34	2.57	.65
16 "		. 2.84	3.20	.90
20 "				1.15

12-qt. Manure Watering Can.....\$2.50
4-qt. Fern or Low Watering Can... 1.35
Extra Roses for Wotherspoon Watering Can, either coarse or fine, 30c. each.



ACME COUPLINGS



No. 3, for spigot. 15c. each, doz. \$1.40. No. 4 part, for attaching to hose. 25c. each, doz. \$2.40.

Couplings complete, consisting of one No. 3 and one No. 4 part, 35c. each; doz. \$3.60.



HOSE BANDS

For	fastening	couplings	and me	enders in	
hose.					
No.	C	ALDWELL'	s Do	oz. 100	
8—For	: 3-ply hos	se	\$o.	15 \$0.90	,
6—For	4-ply hos	se		15 .90	,
		HUDSON'S			
1/2-incl	ı 		\$o.	15 \$0.90	,
3/4-inch	ı			.18 1.00	,
٠		SURE GRIP			
3/ incl	a se each	· doz 400	\$275	per IM	

GARDEN TOOLS, FERTILIZERS, 518 RELIABLE

MICHELL'S SEEDS, BULBS, PLANTS POULTRY SUPPLIES, ETC. MARKET ST PHILA.



The effects of using Daylite Glass Cleaner

DAYLITE GLASS CLEANER

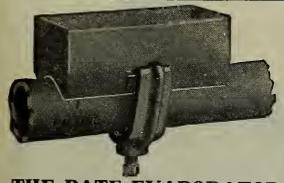
For taking off whitewash shading, etc. Daylite Cleaner

Is the most powerful cleaner on the market. It is self-acting-the minute it is put on the glass, it commences to work for you. All you need to do is to apply it with a brush, leave it on a few minutes and rinse off with cold water.

Will not injure paint or putty. Will always leave the glass clean and

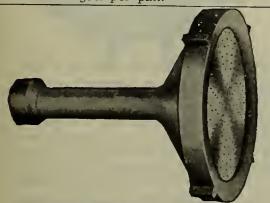
free from grease.

The cost of cleaning greenhouse glass is about one-fifth cent per square foot. One gallon will clean about 400 to 600 square feet of glass. Price, I gal., \$1.00; 5 gals. for \$4.50.



THE BATE EVAPORATOR

This consists of a bottomless pan, which fits directly over your steam or hot water pipes, the latter making the bottom of the pan. Made for 1-inch, 11/2-inch and 2-inch pipe. Always state for which size it is wanted when ordering. Price, f. o. b. factory: Each, 60c., per dozen, \$6.60. Larger quantities at 50c. per pan.



THE BINKS NOZZLE

Made of aluminum, with brass face, equipped with interchangeable sprays, coarse and fine. It makes watering possible without wetting the hands. Positively the state of th tively the best and most indestructible nozzle made. \$2.50 each; worth twice the price.

HOT BED SASH

Made of best quality cypress, 13/4 in. thick; 3 ft. 1½ in. wide, 6 ft. long. Glazed with 8 x 10 in. glass, 4 lights wide, laid in putty.

Plain, regular style, not glazed or painted.

Each \$1.35; \$15.00 per doz.

Glazed, regular style, including painting and puttying. Each \$3.00; \$35.00 per doz.
All glazed sash are shipped at purchaser's

risk, although we pack very carefully to insure safe arrival.

Packing Charges on regular style Glazed sash only, 10c. each; doz., \$1.20. Note: The above sash are 4 lights wide.

SUNLIGHT SASH (Double Glass) Plain Unglazed....each, \$2.15; doz., \$24.50 Glazed and Painted.each, 4.25; doz., 50.00

Crating Glazed Sunlight, 15c. extra.

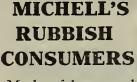
Special Prices quoted on sash in large quantities or special sizes.

MARATHON GRINDERS

Every florist needs a good grinding machine. By a combination of cut spur gears and steel cut pin-ions arranged in the "Marathon," we obtain a very high speed. This insures the quick-est cutting results from the corundum stone with minimum wear.

No. In. I, wheel 3/4x5, \$4.25 1x5, 5.25 1x6, 6.25 " 1x7, 7.00 If treadle is wanted, add \$1.40 to the above prices.





Made of heavy galvanized wire, an indispensable arrangement for burning rubbish, paper, leaves, etc., without endangering property. Will last a life's time.

Letter A-12 in. diam,, 18 in. high....\$1.10 Letter B—15 in. diam., 22 in. high.... 1.35 Letter C—18 in. diam., 26 in. high.... 1.60 Letter D-21 in. diam., 31 in. high.... 2.25



No. 8 **POST HOLE** DIGGER

This is really an earth auger, as will be seen by the illustration; will bore a hole 31/2 ft. deep and can-be adjusted in diameter from 8 to 14 inches. It can be emptied instantly; it is made of the finest steel and a man with one of these can do 3 times as much work as with Price, \$3.25 each.

an ordinary digger.

No. 15 Eureka Posthole Diggers 90c. ea.

MEHLER HANDY GARDENER



NAUMANN'S GLAZING POINTS

For many years there has been room for a brass glazing point that would be moderate in price. The "Naumann" is the invention of a practical florist, who knew the needs of the trade. In this point there are no rights or lefts. It is adapted either for single or double thick glass. Is easily driven, and above all things is rust-proof, something that cannot be said of any other something that cannot be said of any other glazing point. It requires only 2 for each light of glass, which is held in position most securely. 1000 points in a package, 75c.; (by mail, 90c.). 10,000 points for \$7.00.

PUTTY BULBS (See Cut)

The best appliance for distributing putty. One day's work by the old method of glazing can easily be done in four hours by the use of the distributor. Each, 90c.; by mail, \$1.00.

MASTICA

½ gallon\$0.70	5 gallons\$6.25
1 " 1.35	10 "12.00
Mastica Machine	each, \$1.25

TWEMLOW'S PUTTY

16-lb. can	(1 gallon), \$1.45; 50-lb. kit (3 gallons)\$4.25
80-lb. kit ((5 gallons) 7.00
160-lb. kit ((10 gallons)13.75
½ barrel (25 gallons)31.25
Per barrel	(50 gallons)57.50
TEABARA	NIDIC COPERMICALICE SETTIFE DATAM

HAMMOND'S GREENHOUSE WHITE PAINT

The manufacturer claims this paint is superior in quality and lower in price than any other material of the same character. It is largely used now in place of the ordinary grade of white lead.

Per gallon. \$1.85 | 10 gallons for \$17.25

3 gallons for \$25 gallons for \$42.00

5 gallons for \$0.00 | 50 gallons for \$80.00

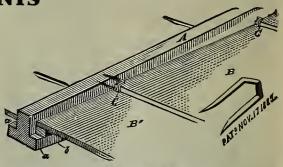


		Each
	Small Diamond	\$2.50
4	Large Diamond	3.75
-	Single Wheel, S	
, .	(Doz., \$1.	50)
909	6=Wheel Adjust	table30

PEERLESS GLAZING **POINTS**

Nos. 1, 2, 21/2 Tinned. Nos. 1 and 2 are for single thick glass. No. 2½ for double thick glass. 6oc. per 1000; 5000 for \$2.75. By mail, 76c. per

PINCERS, for driving Peerless Points, 5oc. per pair.



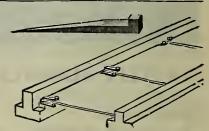
Peerless Glazing Points

Siebert's Style Points. (See opposite cut.) 5% inch, 6/8 inch and 7% inch, 35c. per lb.; 10 lbs., \$3.00. By mail, 50c. lb.

ZINC NAILS, 5%, 34 and 7% inch, 20c. per lb.; 5 lbs., 90c. By mail, 160 per lb.

36c. per lb.

Nauman's Glazing Points. (Brass.) 75c. per 1,000. By mail, 90c.

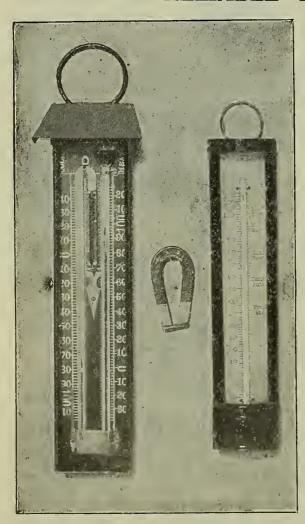


Siebert's Glazing Points



Especially valuable for securing large lights of glass. Made of zinc, will not rust. Will save lights of glass worth from 20 cents to 30 cents each. Price, \$1.00 per 100.

AND THERMOSTATS RELIABLE THERMOMETERS



A reliable thermometer is a very necessary thing in a greenhouse establishment. Ours are selected with great care and we especially recommend the "Three Point Test."

MAXIMUM AND MINIMUM

Registering the coldest and the warmest point during previous night.

8-inch, each, \$2.50; per ½ doz., \$6.75; 10-inch, each, \$2.75; per ½ doz., \$7.50.

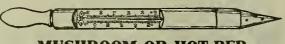
THREE POINT TEST THERMOMETER

This thermometer is positively accurate and may be depended upon at all times. We can supply these in Mercury or Spirit Glass; state which is wanted in ordering.

		Each	Doz.
	5420B.	8-inch, Tin Case\$0.40	\$4.00
	5420B.	10-inch, Tin Case55	5.50
I	5420B.	12-inch, Tin Case85	9.00
	5154.	8-inch, Copper Case65	
ı	5154.	10-inch, Copper Case85	8.50
	5100.	8-inch Wood Back,	
		Black Scale 1.10	12.00
	5100.	10-inch Wood Back,	
		Black Scale 1.25	13.00
	5132.	8-inch, Wood Back,	
		Porcelain Scale80	9.00
	5132.	10-inch, Wood Back,	
		Porcelain Scale 1.00	11.00

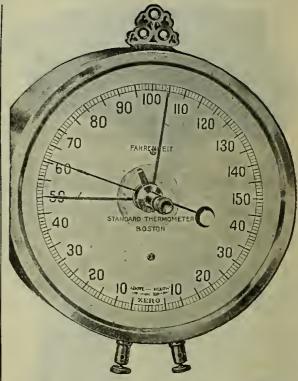
Standard Tin Case Thermometers

White	scale, very reliable.	Each	Doz.
5420W.	8-inch	\$0.25	\$2.75
	10-inch		



MUSHROOM OR HOT BED **THERMOMETERS**

Galvanized Iron Point (can't rust), Each, \$0.90 Brass Point.....

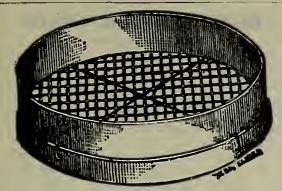


Style 1—THERMOSTAT (See Cut)

This will be found far more reliable than the old method of having a thermometer attached to an ordinary thermostat and bell. Furnished complete with the exception of wire, battery and bell. All brass, Not waterproof style, \$5.00; Waterproof Style, \$10.00.

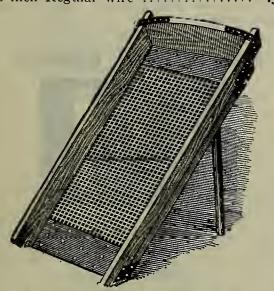
RECORDING THERMOMETERS

Show accurately the temperature during every hour of the night. We can furnish them with 30 daily or 12 weekly charts. Made of solid brass. No. 300 (extra qual-1.35 ity), \$25.00; No. 100, \$20.00.

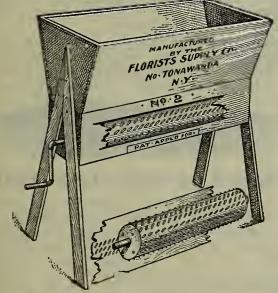


SIEVES (ANY SIZE MESH)

Made extra well, of galvanized wire an	d
hard wood.	h
20 inch Foundry (extra heavy)\$0.7	
20 inch Regular wire	5
18 inch Regular wire	55



Large Upright Sieve for soil, gravel, sand, Made in any size mesh, of extra heavy foundry wire, \$7.25 each.



Sod Crusher and Soil Pulverizer

These machines are equipped with a hopper, and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding the necessity to sift.

No. 1, \$15.00 | No. 2, \$20.00 | No. 3, \$30.00

We can also supply Wolff's Automatic Soil Sifters. Write for prices.

Liquid Manure Distributor (See Opposite)

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with

it. All brass. Price, \$1.50 each. (By mail, postpaid, \$1.65.)

WAGON AND AUTOMOBILE HEATERS

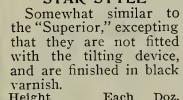


These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

2100	Each
5. Single drawer, 14 in. long	
5B. Single drawer, 14 in. long covered	
with Brussels carpet	2.00
oB. Single Drawer, 12 in. long, covered	1.25
9B. 12 in., Brussels carpet cover	1.50
7. 20 in	3.00
10. Three drawers. (See cut.)	6.25
Coal for Wagon Heaters. 70c. per	doz.
bricks; per 100, \$5.00.	
Tongs for Handling Hot Coals.	25c.
Illustrated circular on request.	

IRON PLANT STANDS

STAR STYLE



Height	Each	Doz.
12 inches	\$0.60	\$6.75
18	. 70	8.00
24 "	85	9.50
30 "	I.00	11.25
36 ''	1.25	14.00
42 "	· · · I.35	15.00

SUPERIOR STYLE

Can be tilted to set your plants at any angle desired to produce the proper decorative effect. Enameled green.

	Size	Price	Per
Height	of Plates	Each	Doz.
12 inch	5 x 7	\$0.75	\$8.25
18 "	5 x 7	.80	9.00
18 "	$8 \times 10^{1/2}$.95	10.75
24 "	8 x $10^{1/2}$	1.05	12.00
24 "	8 x 12	1.15	13.25
30 "	8 x $10\frac{1}{2}$	1.20	13.75
30 "	8 x 12	1.30	14.75
36 "	$8 \times 10^{1/2}$	1.30	14.75
36 "	8 x 12	1.40	15.75
42 "	8 x $10\frac{1}{2}$	1.40	15.75
42 "	8 x 12	1.50	17.00
48 "	8 x 12	1.60	18.00
60 "	8 x 12	1.70	19.25
72 "	8 x 12	1.80	20.00
EXTRA PLA	TES FOR II	PON STA	NDS

EXTRA PLATES FOR IRON STANDS							
	Fo	r Sup	perior	F	or Star	Stands	
			Each		Each		
5	inch		\$0.22	\$2.50	\$0.20	\$2.35	
7			.30	3.30	.25	2.75	
			.40	4.50			
	2 "		.50	5.50	.40	4.40	
T2	66		55	6.00			



WHEELBARROWS MICHELL'S SPECIAL GREENHOUSE



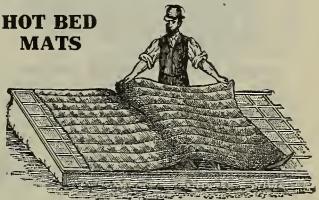
narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 inches in front, 17 ins.

This a very

Special Greenhouse Barrow in back, and 12 inches deep. Handles, 4 feet, 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel. Nicely painted and striped. Price, each, \$4.25.

OTHER WHEELBARROWS

	No. Tire In.	Length In.	Depth in.	Width In.	Price
Nu=Way.	$I^{\frac{1}{2}}$	261/2	ΙΙ	25	\$5.00
Old Gov=		Í		·	10
ernment	t 1 ¹ / ₄	31	9	26	3.50
Eastern .		$26\frac{1}{4}$	II ¹ / ₂	27	4.25
	5 3	28½	113/4	27	4.50
Jacobs	2 I 1/4	241/2	II	23	3.50
66	$3 1\frac{1}{2}$	$25\frac{1}{2}$	12	24	4.25
_ "	4 2	$27\frac{1}{2}$	14	26	4.50
Boys	2 I	213/4	$9\frac{1}{4}$	20	2.75
Canal—Sid	de dump	b (bolt	ed)		2.25



The Burlap, and Duck and Burlap are the best mats that it is possible to procure. Rats and mice do not harbor in them, and they are otherwise practically indestructible. Burlap. 76 x 76 inches, covering two regular size sash. Each, \$1.40; doz., \$16.00.

Burlap. 40 x 76 inches, for one sash. Each, 90c.; doz., \$9.90.

Duck and Burlap. This style is water-

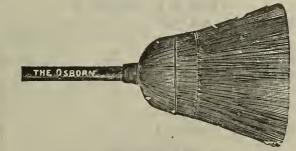
proofed on one side. 40 x 76 inches.

Each, \$1.15; doz., \$12.60. Duck and Burlap. 76 x 76 inches. Each, \$1.55; doz., \$18.00. We can supply the following mats any

length desired

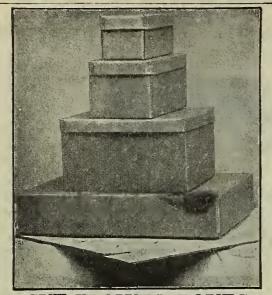
Duck and Burlap Mats. 76 inches wide at 26c. per running foot.

Plain Burlap Mats. 76 inches wide at 23c. per running foot. Each Doz. Straw Mats. 3 x 6 feet\$0.90 \$10.50 6 x 6 feet 1.25 14.00



GREENHOUSE BROOM

Made of Japanese Fibre. No wear out to it. Price, 55c. each; 2 for \$1.00.



CUT FLOWER BOXES

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones, carry the contents as safely, will stand numerous trips, and when needed to be replaced involve small expense. Special sizes to order in lots not less than 100 of a kind. Price on application.

CORRUGATED PAPER

60 x 20 x 12, i	nch	\$0.	.50 \$5	5.00	\$37.50
42 x 14 x 8 i					
36 x 14 x 6 i					
24 x 8 x 5 i					
Fifty of a	any one	size	at TOO	rate.	

LIGHT WEIGHT PAPER BOXES

LIU	TIT AAT	FRIED	FAFE	K DUA	VE 3
Size			Per doz.		
14 x 5	x3		\$0.30	\$1.90	\$18.00
20 X 4	x 3		35	2.10	20.00
16 x 5	x3		35	2.10	20.00
18 x 5	x3		35	2.20	21.00
19 x 5	$\times 3^{1/4} \cdots$		40	2.60	25.00
$18 \times 7\frac{1}{2}$	$\times 3^{1/2} \dots$		45	3.10	30.00
21 X 5	$\times 3^{1/4} \cdots$		45	3.10	30.00
23 X 5	$\times 3^{1/2} \dots$		50	3.30	32.00
2I X 7	$\times 3^{1/2}$		50	3.30	32.00
21 x 8	x4			3.60	35.00
23 x 7	$x 3^{1/2} \dots$		55	3.60	35.00
30 x 5	$\times 3^{1/2} \dots$		55	3.60	35.00
24 x 8	x4			4.00	39.00
24 x 8	x 5		65	4.35	42.50
36 x 5	$\times 3^{1/2} \dots$			4.85	47.50
28 x 8	x4		75	5.10	50.00
36 x 6	x 5		85	5.80	57.00
22327DD (CTIME		OVED

EXTRA	HEAVY	WEIGHT P	APER	BOXES
Size		Per doz.	Per 100	Per 100
22 V T2 V	A	\$0.8r	\$6 TO	\$60.00

23 x 12 x 4	9	0.85	\$6.10	\$60.00
28 x 8 x 5		.85	6.10	60.00
30 x 9 x 4		.85	6.10	60.00
36 x 8 x 5		1.00	7.60	75.00
23 x 12 x 5		1.00	7.60	75.00
30 x 9 x 6		I.IO	8.10	80.00
30 x 12 x 6			10.25	100.00
30 x 14 x 8			15.25	150.00
36 x 12 x 6		2.00	15.25	150.00
40 X I4 X 7		2.75	21.00	200.00

VIOLET BOXES

Made of violet and white	color fine glazed board					
Size	Perdoz. Per 100 Per 1000					
7 x4 x4	\$0.40 \$2.60 \$25.00					
	60 4.10 40.00					
$9 \times 7 \times 5\frac{1}{2} \dots$						
$10\frac{1}{4} \times 6\frac{1}{4} \times 4\frac{1}{2} \dots$	70 5.10 50.00					
13 x9 x6						
	free with one size or					
style card. Smaller lots at cost.						

STRAPS

For carrying large cut flower boxes. Eight feet long, of best leather, \$1.75 each. Canvas Straps, 50c. each.



			444	THE PARTY OF THE P	
WOOL	D FIBR	E FL	OWER	VAS	ES
	m. inside	Deptl	ninside	Each	Doz.
0	8 in.	13	in		\$6.29
I	51/2 "	10	"	48	5.44
2	41/2 "	9	"	.42	4.67
3	66	6	"	- 35	3.91
4	- 66	4 ^I / ₂	"	.27	3.06
00	9 "	21	**	2.10	23.80
000	- 66	29	"	2.68	30.85
II	- 11	18	"	56	6.29
22	//	15	"	48	5.44
33	66	12	"	.42	4.67
44	- 66	9		35_	3.91

IRON VASES

For holding cut flowers on cemetery lots and graves.

Painted Green

3—Small	\$0.20	\$2.25		
2—Medium	.30	3.25		
1—Large	-35	3-75	THE RESERVE	
G 11		Galvanized		Doz.
3—Small .	• • • • •		\$0.30	\$3.25
2—Medium			40	4.25

-Large



ENAMELED CEMETERY VASES

4.25 6.00

Painted green; made of tin and carefully enameled; will not burst in cold weather.

1-Large, each 20c., doz. \$2.25, 100 \$16.00.

2—Small, each 15c., doz. \$1.75, 100 \$13.00.

WIRE HANGING BASKETS

Complete with Hanger. Light style.

		Each	Doz.	100
8	in.	\$0.09	\$0.90	\$6.75
10	in.	.14	1.40	10.50
12	in.	.20	2.00	15.00
14	in.	.30	3.00	22.00
16	in.	.40	4.25	.32.50



Cemetery Hook and Basket

Extra Heavy Wire Hanging Baskets

The most substantial wire hanging basket made, and we recommend it where baskets are wanted for refilling each year, as these last.

		inches	\$0.16	\$1.70	\$13.00	۱
66	611	**		2.25	17.00	
66	7-14			2.75	20.00	

IDEAL FLOWER VASES

(Galvanized Iron)

Absolutely indestructible and unbreakable, made of heavy galvanized iron riveted and soldered so they cannot leak or come apart. The top and bottom are overturned, which serves as a reinforcement against wear. Fine for use in the greenhouse store or icebox.

No.	D	eep		at Top		Eacl		oz.
I	- 6	inch.	$6\frac{1}{2}$	inch		.\$0.4	o\$2	4.50
2-	- 8	66	91/4	**		6	0	5.50
3	9	"	73/4	"		4	5 5	5.00
4-	·12	66	$9\frac{1}{4}$	• • •		6	5 2	7.00
5-	9	66	$5\frac{1}{2}$	"		4	5 4	4.75
6-		"	7	"		• •5	5 (5.00
7-	133/4	66	81/4			5	5 6	5.00
8-		"	73/8	46		7	5	3.00
	These	vases	s with	ordina	ary c	are v	will 1	last

many years.

PAINTED POT LABELS



	300				_		
Per 100 Per 1000					Per	100 Pe	r 1000
4	\$	0.09	\$0.65	8	\$	0.35	\$3.25
$4\frac{I}{2}$.IO	-75	10		.45	4.00
5		.12	.90	12		.60	5.50
6		.15	1.20				

TREE LABELS, Etc.

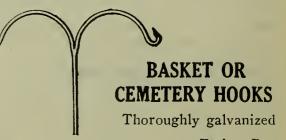
			100 Per 100	
Iron Wired.	Plain wo	od\$o.	10 \$0.8	0
Copper "	"	"	I2 I.0	0
-66 66	Painted	"	15 1.2	5
Copper Sheet.	Wired, d	loz., 15c.;	\$1 per 100	Э.
Zinc Sheet. V	Vired, do	z., 15c.;	\$1 per 100	0.
Indelible Marl	cing Pen	cils, 5c. e	a., doz. 500	С.



SHADING OR PROTECTING CLOTH

Largely used as a substitute for glass where protection is desired. It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventila-

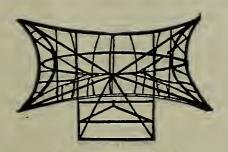
	tion.		7	ds. Per Piece	Price Per Yd.	Price Per Pc.
	Light.	Brown		60	\$0.05	\$2.60
	Mediun	1. "	66	60	.09	4.80
	66	Green	"	60	.091/2	5.40
	Heavy.			40	.121/2	4.80
ĺ	66	Green	66	40	.14	5.20



Each Doz. Single, 1^{5} inch thick.....\$0.35 Double (see cut), 1^{7} inch thick .70 \$0.35

WIRE DESIGNS

CR	-	20	TO
- 6 K	4 U L		



PILLOWS-FLAT

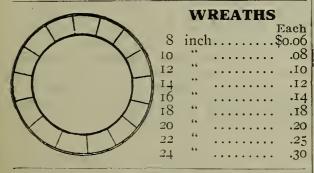
		Each		ach
		\$0.10		
12		12	22 "	.24
I4 I6		I.4	24 "	.28
		16		.35
18	"	19	28 "	.40

HORSE SHOES

	Each	
		24 inch\$0.40
14	81	26 "
16		28 "
18		30 "
	"30	33 "
22	" 35	36 " 1.15

GATES AJAR

	Meas	ureme	ents	Incl	ude	Entir	e Height	Each
18 in		high						.\$0.70
21	6.6							90
24								. I.IO
27								. 1.35
30	4.	"						. 1.60
33	••	**						. 1.85
33 36	44	••	· · · ·	• • • •				2.10



	ANCE	LUAS	
	Each		Each
IO	inch\$0.12	18 inch	.\$0.22
12	"	20 "	25
14 16	"	22 "	28
16	81	24 "	
_	CTAD AND	CDECCENT	
	STAR AND	CRESCENT	Each
14	inch		\$0.22

.....



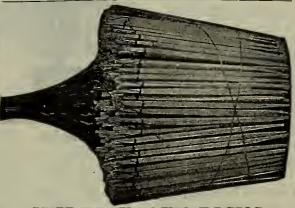
		WIRE SNIPS	Each
$7\frac{1}{2}$	inches,	short blade	.\$0.60
8	"	long "	65
8	"	heavy	75
10	46		

MOSS



We make specialty long. clean, selected sphagnum moss; florists will find the quality we furnish t o be much better than the average.

Sphagnum, Live or Green. Peck 20c., Green Lump. bbl bag \$1.35. Green Sheet. Peck 30c., \$1.10 bush., bbl. bag \$2.50.



WIRED TOOTH PICKS

As a labor saver have no equal. Furthermore they are always ready; no look-

ing for wire or shears.

Per box of 10,000 \$1.75, 50,000 for \$7.50.

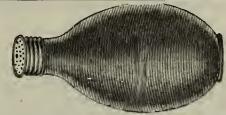
Plain Tooth Picks. 5c. box, doz. boxes 5oc.



pkgs., 5 in. wide, 11c. lb., 2 lbs. 20c., 50c. for 5 lbs., 25 lbs. \$2.40, \$9.50 per 100 lbs. Violet Foil. 30c. per lb., 5 lbs. \$1.25. Green Foil. 30c. per lb., 5 lbs. \$1.25.

PAPER FOR FLOWERS

		Sheets p	er rea	m Lb.	Ream
Manilla.	For w	rapping	480	\$0.07	\$1.30
66	Tissue		480	.09	.70
Wax. W					
		ches		.15	1.50
Wax. G				_	
		hes		.20	1.80



RUBBER SPRINKLERS

	No. 1, Large,	straight	neck	\$ 0.85
	No. 2, Mediu		"	 .75
ı	No. 4, Small			
	Crook Neck,	large		 .85
		small		 .50
		· · ·		



CARNATION MENDERS

Carnation Staples

For calyx mending, 50c. per 1000, for \$2.25, \$4.00 for 10,000, 25,000 for \$8.75, \$15.00 for 50,000.

Ounce 25c., ½ lb. 85c., ½ lb. \$1.60, 1 lb. \$3.00. Add 16c. per lb. for postage.

Bauer Carnation Outfits

Pliers and 1000 clips, \$2.50.

Pliers, each \$2.00. Clips, 80c. per 1000, postpaid; 2000 for \$1.50; \$3.25 per 5000.

FLORISTS' SUNDRIES

	Peck	Bu. Bbl	. sacks
Charcoal (Lump)	.\$0.20	\$0.60	\$1.25
Cocoanut Fibre	30	.75	
Leaf Mould	20	.60	1.25
Pebbles	20	.80	1.80
Peat, Best quality (5		
barrels, \$5.50)	20	.60	1.25
Peat, Orchid	25		
Sand. For propagating		.60	1.50
Soil. Prepared potting.	20	.60	1.50
Celery Brushes. Large	, 40c.	small,	25c.
Celery Tape. 1000 yds.	, \$2.00).	
Carnation Dve. (Green			hottle

Daylite Glass Cleaner. For greenhouse

glass. I gal., \$1.00; \$4.50 per 5 gals.

Grafting Wax. 1/4 lb., 8c.; 12c. 1/2 lb.; lb., 20c.; 90c. 5 lbs.

Shaderine. For shading greenhouse glass, 30 lbs., \$3.60; \$6.00 per 60 lbs.; 100 lbs. \$8.00; \$14.00 per 200 lbs.

Weed Killer. (Herbicide.) Per qt., 48c.; 75c per 1/4 gal: per gal \$1.40; \$5.25 per

75c. per ½ gal; per gal., \$1.40; \$5.25 per

Weed Killer. Michell's, \$1.00 gal.; 5 gals., \$4.50: \$8.50 10 gals.; 50 gals., \$35.00. Zementine. For whitewashing and shading

glass, 2 lbs., 15c.; 70c. for 10 lbs.; 100 lbs., \$6.50; barrels (325 lbs.), 6c. per lb.

INSECT DESTROYERS Headquarters for

Prices Subject to Market Changes

Antipest (Carman's). For destroying red spider scale and green fly. Qt., 45c; 65c. per ½ gal.; gal., \$1.25; \$5.00 per 5 gals.

Ant Exterminator. A powder that is used for distributing around buildings, on the greenhouse benches, on lawns, gardens, and any other places infested by ants. Per 1/4 lb., 15c.; per ½ lb., 30c.; per lb., 55c.

Aphine. For destroying aphis, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about I part to 40 of the latter. 1/4 pt., 25c.; 40c. per

½ pt.; per pt., 65c.; \$1.00 per qt.; gal., \$2.50.

phis Punk. A paper that has been thoroughly saturated with nicotine. Used for fumigating, giving off dense fumes of nicotine. Excellent for aphis, thrip, white and green fly, also red spider. (For use in greenhouses only.) Per pkg., 60c.; \$6.50 per 12 pkgs.

Arsenate of Lead (Bowker's Disparene). (See Disparene.)

Arsenate of Lead (Powdered). This is used the same as the paste form. It is more economical to ship and goes farther in use, dissolves instantly in water; I lb. dilutes to 50 gallons. I lb., 30c.; \$1.40 for 5 lbs.; Io lbs., \$2.60; 25 lbs., \$5.50; \$10.50 for 50 lbs.; 100 lbs., \$19.00.

Arsenate of Lead (Paste). For spraying trees and shrubs against the attacks of leaf-biting insects of all kinds, especially valuable for spraying to prevent the codling moth. It comes in paste form, and dilutes 1 lb. to 25 gals. water. Per lb., 20c.; 80c. per 5 lbs.; per 10 lbs. \$1.40; \$3.10 per 25 lbs.; per 50 lbs., \$5.25; per 100 lbs., \$9.50.

Black Leaf 40. A concentrated solution of nicotine sulphate, an excellent spray for black aphis and sucking insects of all kinds; dilutes I part from 100 to 1,000 parts of water, according to treatment; full directions on each package. 1/2 lb., 85c.; \$3.25 for 2½ lbs.; 10½ lbs., \$12.50.

Boro=Wax. For painting trees to destroy and keep away borers. 33c. qt.; ½ gal., 55c.; I gal., 95c.

Bordeaux Mixture. Used principally for mildew, blight and

fungous diseases that affect potatoes and fruit trees, etc.

Paste or Pulp Bordeaux. One part dilutes to 50 parts of water.

Per qt., 35c.; 90c. per gal.; 5 gals., \$4.00.

Quick Bordeaux (in dry form). This is a combination of the proper materials put up in burlap sacks with full directions for using on each. Suspend the sack in a barrel of water or other receptacle and let the contents dissolve. I lb., 18c.; 6-lb. sack makes 30 gals. liquid, price, 60c.; 10-lb. sack makes 50 gals. liquid, price, 90c.

Bug Death. Largely used instead of Paris Green. It is claimed to have the same effect. The manufacturers say that it acts as a fertilizer as well as an insecticide. It comes in powder form, and is applied pure. Not poisonous to persons. Per lb., 15c.; 35c. per 3 lbs.; per 5 lbs., 50c.; per 12½ lbs., \$1.00; \$7.50 per 100 lbs. (Special Shaker for Bug Death, 25c.)

Carbolineum (Arvenarius). A germicide and disinfectant for purifying poultry houses, stables, cow barns, etc., also an excellent wood preserver when used as a paint. \$1.20 per gal. can.

Copper Solution. Made of sulphate of copper and other materials. Excellent spray for carnation rust annd diseases of the grape, pear, apple and other fruits. A good thing to use for leaf blight and mildew. It is diluted in water. Per qt., 50c.; \$1.60 per gallon.

Cow Ease. This is very much like Shoo-Fly, but is made by a different factory, who claim similar merits for it. Applied with a sprayer or a sponge. Per qt., 30c.; 90c. per gal.; per 5 gals., \$4.00.

Cyanide Potassium. (For fumigating.) 1/4 lb., 20c.; 45c. lb.

Dalmatian, or Persian Powder. For ridding buildings of all kinds of various insect pests, particularly for the smaller and creeping kinds, as it is not strong enough to destroy large or more hardy insects. 12c. per 1/4 lb.; per lb., 40c.; \$1.75 per 5 lbs.

Disparene (Bowker's). A trade name for a brand of Arsenate of Lead, which it resembles in every way. Dilute 1 lb. to 25 gals. water. Price, 25c. per lb.; 5 lbs., 90c.; \$1.60 per 10 lbs.; 25 lbs., \$3.75; \$6.50 per 50 lbs.; \$12.00 per 100 lbs.

Fir Tree Oil Soap. This is very much like the Fir Tree Oil except that it is in the shape of soft soap, and many prefer to use it in that way. It is dissolved according to directions in warm or hot water and used as a spray or wash. Per 1/2 lb., 20c.; 65c. per 2-lb. can.

Fungine. An excellent article for fungous diseases of all kinds.

Qt., 75c.; \$2.00 per gal.

Dust. A powder preparation used for mildew, aphis, black fly, and other insects and fungous diseases, principally in greenhouses. Per 5 lbs., 35c.; 65c. per 10 lbs.; per 25 lbs., \$1.50; \$5.25 per 100 lbs.; bbls. of 200 lbs. (bulk), \$10.00.

Hellebore. The ideal material for destroying rose bugs, currant worms and other soften led insects that infest the garden.

It can be applied dry or in liquid form. Per 1/4 lb., 8c.; 12c.

per ½ lb.; per lb., 20c.; per 5 lbs., 85c.; per 10 lbs., \$1.60.

Getz=There Soap. For washing palms. 2 lbs., 30c.; 80c. for 8 lbs.; \$1.90 per 25 lbs.; 50 lbs., \$3.50; bbl., 5½c. per lb.

Hydrocyanic Acid. (See bottom of page 89.)

Kerosene Emulsion. Diluted in water this makes an excellent

spray for all mild forms of scale, and soft lice of any kind such as infect rose and fruit bushes, vegetables and trees. Liquid dilutes I part to 20 parts of water. (LIQUID.) Per qt., 35c.; per gal., 90c.

Kil-o-Scale. Destroys and prevents the spread of scale insects of all kinds. Its chief use is the destruction of the San Jose Scale, which prevails in all parts of this country. It is diluted, one part Kil-o-Scale to twenty parts water. Per pt., 30c.; 50c. per qt.; per ½ gal., 75c.; per gal., \$1.25; \$5.00 per 5 gals.; per 25 gals., \$21.25; per 50 gals., \$42.50.



Lemon Oil Insecticide

The Best and Cheapest Insecticide in the Market. Used now by nearly all the leading growers. It effectually destroys Mealy Bug, Scale, Thrip and Red Spider.

Half Pint, 20c. Pint, 35c. Half Gal., \$1.10 Quart, 65c. Gal., \$1.75 5 Gal. Kegs, \$8.00 10 Gallon Kegs, \$15.00

Lime Sulphur. For destroying San Jose Scale. This is in concentrated form which is diluted I gal. to 12 or 15 gals. water, either hot or cold. May be used as a summer or winter spray, excellent to use as a fungicide. I gal., 60c.; \$1.50 per 5 gals.; 10 gals., \$2.60; \$4.75 per 25 gals.; 50 gals., \$7.25.



CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution; one should be in the hands of every man who uses this material. Price, 90c. (Postpaid, \$1.05.) With directions.

Lime Sulphur (Dry). This form of Lime Sulphur is becoming very popular on account of the ease with which it can be handled. It is quite an economy in shipping, as you do not have

dled. It is quite an economy in shipping, as you do not have to pay freight on water. It dilutes at the rate of 1 lb. to 6 gals. of water, and is soluble instantly in cold water. I lb., 22c.; \$1.10 for 5 lbs.; 10 lbs., \$1.40; \$3.00 for 25 lbs.; 50 lbs., \$4.75; \$7.50 per 100 lbs.

Nicoticide. Used as a spray or as a vapor, principally in the latter way, it is placed in a tin saucer with lamp underneath, and the nicotine fumes are thus distributed. It is very effective in destroying thrip, aphis, white fly and red spider, etc. Per ½ pt., 70c.; per ½ pt., \$1.25; per pt., \$2.50; per qt., \$4.50; \$8.25 per ½ gal.; 1 gal., \$15.00. (Special price in larger quantities.) Lamps for Nicoticide, 50c. each.

Nikotiana. For spraying and fumigating. \$1.25 per qt., per

gal., \$4.00.

Nikoteen. One of the milder forms of tobacco or nicotine preparations, usually diluted in water, makes a most satisfactory spray as well as vapor, excellent for Pea lice in the garden. \$1.50 per pt.; 5 pts., \$7.00; per 10 pts., \$13.00.

INSECT DESTROYERS—Continued

Nico-Fume (Liquid). This is used in very much the same way as Nicoticide. Per ¼ lb., 60c.; \$2.00 per lb.; 4 lbs., \$7.00; \$13.50 per 8 lbs.; 5—8-lb. cans for \$64.10; \$124.90 for 10—8-lb. cans;

20—8-1b. cans, \$243.00.

Nico-Fume. This is a paper treated with nicotine, giving off dense fumes of strong nicotine when ignited. Preferred by many who do not wish to spray or vaporize. Per box, 24 sheets, \$1.00; per 144 sheets, \$4.50; per 288 sheets, \$8.50; \$48.45 for 6 cans, 288 sheets each; 12 cans, \$94.35; \$183.60 for 24 cans.

Paris Green. The chief merit of this article is the destruction of the potato bug. It may be used in liquid form, I pound in 50 gallons of water, or with Land Plaster at the rate of I pound Paris Green to 100 pounds Land Plaster. 10c. per 1/4 lb.;

per ½ lb., 15c.; 3oc. per lb.; \$1.25 per 5 lbs.; per 14 lbs., \$3.00. **Pyrox** (Bowker's). A pasty substance used for all leaf-biting insects. It is really a Bordeaux and Arsenate of Lead combined and is excellent. Dilute 1 lb. to 5 gals. water. 25c. per lb.; 5 lbs., \$1.00; \$1.75 per 10 lbs.; 25 lbs., \$4.00; \$7.50 per 50 lbs.; \$13.50 per 100 lbs.; 200 lbs., \$26.50; \$62.50 per 500 lbs.

Readeana Rose Bug Exterminator. A poisonous preparation which dilutes in water. Used for destroying green fly, mealy bug, blight, mildew, etc. Will not injure flowers. Trial bottle,

23c., 10 oz., 45c., 9oc. per 24 oz., \$3.75 per gal.

Scalecide (Soluble Crude Oil). Used for the destruction of the San Jose Scale. Dilute at the rate of one gallon Scalecide to 20 gallons of water. Scalecide does not clog nozzles or pump. 45c. per qt.; per gal., \$1.00; \$3.25 per 5 gals.; 10 gals., \$6.00; \$16.00 per 30-gal. hbl.; per 30 gal. jacketed tin, \$15.00; \$25.00 per 50-gal. bbl.

cale Destroyer (Soluble Oil). A combination of mineral and vegetable oils, and has many excellent scale destroying Scale Destroyer properties. Dilute at various strengths according to season. Per qt., 35c.; 65c. per ½ gal.; per gal., \$1.00; \$3.75 per 5 gals.; 10 gals., \$7.50; 25 gals., \$12.50; per 50 gals., \$23.00.

Shoo Fly. For keeping flies off cattle and horses, used with a sprayer or a sponge, the cattle and horses are either sprayed or rubbed with the preparation in the morning before being put in the field or out to their day's work. Per qt., 35c.; \$1.00

Slug Shot. The standard remedy for current worms, rose slugs, cabbage worms, and almost any soft-shelled insects that infest the vegetable or flower garden. 15c. per canister; per 5 lbs., 30c.; 60c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 per 50 lbs.; 100 lbs., \$5.00. Full bbl. lots (about 250 lbs.), 4½c. per lb., f. o. b. Factory; 4¾c. per lb., f. o. b. Phila.

Sulphate of Copper. For destroying fungous diseases of all

kinds, also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Where used as a Bordeaux mixture it requires four pounds Sulphate of Copper to 6 pounds Lime, which is diluted in 50 gallons of water. Per lb., 10c.; 90c. per 10 lbs.; 50 lbs., \$4.00; \$7.50 per 100 lbs.

Sulphur (Flowers). Used principally in greenhouses for checking mildew. It is also used as a preventive and cure for San Jose Scale when it is used in connection with lime and salt. Per lb., 6c.; 25c. per 5 lbs.; 25 lbs., \$1.10; \$3.50 per 100 lbs.;

175-lb. barrel, \$5.90.

Sulphur Candles. For fumigating in sick-rooms, also in conservatories and greenhouses. Large, 15c. each; per doz., \$1.75;

small, 8c. each; per doz., 85c.

Sulpho Tobacco Soap. An excellent article for the person with a few plants. Especially good for destroying scale on palms and other plants. Soluble in warm water. Per 3-oz. package, 8c.; 15c. per 8-oz. package; in 10-lb. cakes, \$2.00 per cake; 25 lbs., \$4.50.

Sulphocide. An excellent summer spray for fungous diseases, combining Bordeaux Mixture and Lime Sulphur. 50c. pt.; qt.,

75c.; \$2.00 per gal.; 5 gals., \$7.50.

Thymo Cresol (Sheep Dip). This preparation is used for disinfecting, etc. Per 4-oz. bottle, 25c.; 40c. per 8-oz. bottle; per qt., 70c.; \$1.10 per ½ gal.; per gal., \$2.00. Tobacco Dust. Excellent for dusting on Lettuce and other plants to destroy soft, creeping insects. Per lb., 5c.; 2oc. per 5 lbs.; per 10 lbs., 35c.; 75c. per 25 lbs.; 100 lbs., \$2.50; \$11.75 per 500 lbs

Tobacco Dust (Special Dusting). A specially prepared, finely ground article. 5 lbs., 25c.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$11.25 for 500 lbs.

Tobacco Dust (Special Fumigating). A specially prepared

article for fumigating. 5 lbs., 25c.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$11.25 for 500 lbs.

Tobacco Soap (Sulpho). This is excellent for washing off palms and plants such as Oleanders, Camellias, etc. Soluble in water, making an excellent preparation for washing animals. 3 oz., 8c.; 15c. for 8 oz.; 10 lbs., \$2.00; \$4.50 for 25 lbs.

Tobacco Stems (Fresh). Used principally for fumigating and under benches in greenhouses. They may also be steeped in hot water and used as a spray. Per lb., 5c.; 4oc. per bu.; per bbl. bag, 75c.; per large bale, \$1.50; \$5.50 per half-ton; per ton, \$10.00.

To-bak-ine Fumigating Paper. Very much like Aphis Punk, which it resembles. It is used in exactly the same way as Aphis Punk. Per package of 24 sheets, \$1.00; \$4.50 per 144

sheets; \$8.00 per box of 288 sheets.

To-bak-ine Liquid. Similar to Nicoticide; it is used in the same manner, and is practically the same, excepting that it is made by a different factory, and they claim for it everything that goes to make up a first-class insecticide; two grades, fumigating and spraying, state which is wanted when ordering. Per $\frac{1}{8}$ pt., 50c.; $\frac{1}{4}$ pt., 75c.; \$1.35 per $\frac{1}{2}$ pt.; per pt., \$2.50; \$9.00 per $\frac{1}{2}$ gal.; per gal., \$17.50; \$85.00 per 5-gal can.

Tree Tanglefoot. A paste preparation for painting around the trunks of trees, in the form of a band, and insects and other crawling pests cannot get over it. Per lb., 28c.; 3-lb. cans, 8oc.; 10-lb. cans, \$2.50; 20-lb. cans, \$4.50; \$8.50 for 40-lb. cans.

Vaporite. Vaporite is a gray non-poisonous powder which, when comes into contact with soil, gives off a vapor. This vapor kills all underground insects such as Wireworms, etc. Vaporite is for soil application—not for the leaves of the plant. Vaporite should be uniformly distributed on the surface or in the soil among the insects, so that the gas evolved may destroy them.

1 to 1½ lbs. is enough for a cubic yard of soil (about 1 cart load). 50c. per 5 lbs.; 25 lbs., \$1.75; \$3.25 per 50 lbs.; per 112 lbs., \$6.25.

Vermine. For sterilizing soil to destroy worms, maggots, etc. ½ pt., 40c.; 65c. pt.; qt., \$1.00; \$3.00 per gal.

Whale or Fish Oil Soap. For mild forms of Scale, also an excellent summer spray. Dissolved in water according to various purposes. Per ½ lb., 8c.; 15c. per lb.; per 5 lbs., 55c.; \$1.00 per 10 lbs.; per 25 lbs., \$1.60; \$6.00 per 100 lbs.

Whale Oil Soap (Goods Caustic). Used extensively as a tree spray and as a summer remedy for San Jose Scale, it comes in a soft soap form and is easily dissolved, I lb. to 10 gals. water. 18c. per 1-lb. can; 5-lb. can, 7oc.; \$1.65 per 25-lb. can; 50 lbs., \$2.90; \$4.75 per 100 lbs.; 425-lb. bbl., \$16.75.

Worm Killer (Reade's). Extensively employed on putting greens, lawns and grass plots, destroying all worms, grubs, etc., and produces a luxuriant growth of grass. In 100-lb. bags only, \$5.00 per 100 lbs.; 500 lbs., \$24.00; 1,000 lbs. for \$45.00; \$90.00 per ton. Worm Eradicator (Reade's Electric). Used indoors as well as

outdoors, for destroying worms in pots, tubs, benches; in tennis courts and putting greens. Apply with a sprinkling can or other-

wise. Small size, 23c.; 10 oz., 45c.; 9oc. for 24 ozs.; gal., \$3.75. Worm Eradicating Fertilizer (Carter's). Used extensively, being applied to grass plots, putting greens, etc. It causes the worms to come to the surface, where they may be scooped up readily and further destroyed. Price, f. o. b. Philadelphia: In Inco-lb. bags only, \$4.00; \$36.00 per 1,000 lbs.; 2,000 lbs., \$69.00. Apply at the rate of ½ lb. per square yard. (Special price, f. o. b. Boston.)

HYDROCYANIC—ACID GAS—CYANIDE POTASSIUM—FUMIGATION as given to us by a practical gardener. Very Poisonous to human beings and animals. Put four ounces of water in a galvanized iron pail, add to this two ounces of Sulphuric Acid, wrap an ounce of Cyanide of Potassium in paper and place it in the bucket which should be placed near the door of the greenhouse to afford quick exit; the moment the Cyanide strikes the liquid it generates a poisonous gas which must not be inhaled. The above charge is sufficient for 1000 cubic feet of space. Don't open the greenhouse for at least 12 hours. One of the ventilating sash should be arranged so it can be opened from the outside to allow the fumes to escape entirely before entering. This is claimed to be the only and best remedy to absolutely kill the white fly. It is claimed that it will not injure the most delicate plant, but the user should take great care of himself.

Cyanide, 1/4 lb. 20c., 45c. lb.; Sulphuric Acid, 25c. lb.

Our List embraces the very best and most modern kinds. We are headquarters in Philadelphia, and can quote special prices on car-load quantities.

Prices Subject to Market Changes

Animal Bone and Potash. An ideal fertilizer for most all farm and garden crops. Apply 400 to 600 per acre. 200 lbs., \$3.00; \$24.00 per ton.



Ashes. Canadian Hard Wood.
Apply 1000 lbs. per acre. For dressing lawn and grass fields it is applied to best advantage either in very early spring or late fall. 25c. per 10 lbs.; 25 lbs., 40c.; 75c. per 50 lbs.; 100 lbs., \$1.35; \$2.50 per 200-lb. barrel; per ton, \$21.00. Acid or Rock Phosphate. Apply

100 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$1.75; \$13.50 per ton.

Asparagus Fertilizer (Pure Bone and Potash). A mixture that promotes the root and top growth. Apply 600 lbs. per acre. 75c. per 25 lbs., 50 lbs. \$1.15, \$2.00 per 100 lbs., 200 lbs. \$4.00, \$35.00 per ton.

Basic Slag. (See Phosphate.)

Bon Arbor. A concentrated chemical fertilizer similar to Bonora, but less expensive; used in liquid form according to directions. Liquid: \$1.80 per gal.; 5 gals., \$8.50. Powder, dilutes 1 lb. to 30 gals. water: 5 lbs., \$1.60; \$11.00 per 50 lbs.; 100 lbs., \$18.00.

Blood (Dried). Apply 300 lbs. per acre. For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., \$1.00; \$1.85 per 50 lbs.; 100 lbs., \$3.50; \$6.25 per 200 lbs.; per ton, \$60.00.

Blood, Bone and Potash (Potash and Truck Special). The best fertilizer for the truck patch or garden, combines every element of plant food valuable for all vegetable crops. Note the high analysis, 7% avail. Phosp. Acid, 3½% Ammonia, 7% Potash. 100 lbs. \$2.25, \$4.00 per 200 lbs., ½ ton \$17.50, \$34.00

Blood Flour. Apply 200 lbs. per acre. Much like dried blood except that it is finer and acts almost instantly. (Price, f. o. b. Chicago, \$4.00 per 100 lbs.; 200 lbs., \$7.75; \$35.50 per ½ ton; per ton, \$70.00.) Price, f. o. b. Philadelphia, 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.50; \$8.50 per 200 lbs.; 1000 lbs., \$40.00; \$78.00 per ton.

Bone, Pure Fine Ground. For top dressing, potting soil, etc., not quite so high in analysis as the "Special Florists' Brand."

200 lbs., \$3.25; \$30.00 per ton.

Bone Meal (Pcirson's). The best on the market for rose growers; supply limited. 200 lbs., \$3.75; \$18.00 per ½ ton; ton, \$35.00.

MICHELLS BUNE MEAL HENRY F. MICHELL PHILADELPHIA

Bone Meal (Michell's Special Florists'-Brand) Apply 600 to 800 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 12c.; 20c. for 5 lbs.; 10 lbs., 35c.; 65c. per 25 lbs.; 50 lbs., \$1.15; \$2.00 per 100 lbs.; 200 lbs., \$3.50; \$33.00 per ton.

Bone Flour (Purc). Apply 600 lbs. per acre. Very fine, like dust, effective almost immediately, can be used for indoor or outdoor purposes. 5 lbs., 25c.; 35c. per 10 lbs.; 25

lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25; \$4.00 per 200 lbs.; ton, \$35.00.

Bone (Coarse Cracked). For use in making up compost or soil

heaps. 200 lbs., \$4.50; \$40.00 per ton.

Bone (Coarse Ground). Apply 600 to 800 lbs. per acre. Prepared from raw bones, exactly like bone meal except that it is not so fine, or quick in action, is used for the same purposes. 5 lbs., 20c.; 30c. per 10 lbs.; 25 lbs., 70c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per 200 lbs.; per ton, \$33.00.

Bonora. Directions for use are on each package. It may be

used in either dry or liquid form; excellent for greenhouse and pot plants or vegetable forcing. 25c. per trial pkg. (by mail, 30c.); 50c. per lb. (by mail, 66c.); \$2.50 per 5 lbs.

Button Bone. Very desirable for rose growing; in 200-lb. bags

only. \$3.75 per bag; per ton, \$35.00.

Chrysanthemum Manure (Thomson's Special). recommended and used by the leading gardeners of England and America. Very highly concentrated. Can be used in liquid and in dry form. Per 28-lb. sack, \$4.00; per 56-lb. sack,

Climax Lawn Sand. (See Lawn Sand.)

Clay's Fertilizer. An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 5 lbs., 50c.; 95c. per 10 lbs.; 28 lbs., \$1.75; \$3.25 per 56 lbs.; 112 lbs., \$6.00.

Copperas (Sulphate of Iron). For destroying lawn and farm weeds as well as acting as a gentle fertilizing stimulant; it dilutes 100 lbs. to 50 gals. of water, which is sufficient to spray an acre. 25 lbs., 65c.; \$1.10 per 50 lbs.; 100 lbs., \$1.60; \$2.25 per 200 lbs.

Cotton Seed Meal. Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer; for putting greens it is invaluable. 5 lbs., 20c.; 35c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25: \$4.00 per 200 lbs.; ton, \$38.00.

Corn Phosphate. (See Phosphate

Cow or Cattle Manure (Pulverized). This we do not carry in stock, but can procure to order from Chicago in numerous cars we have coming forward constantly; some growers prefer this to the shredded kind. *Price f. o. b. Chicago:* 100 lbs., \$1.35; \$5.50 for 500 lbs.; 1000 lbs., \$9.00; \$17.00 per ton. *Price f. o. b. Phila.*: \$1.65 per 100 lbs.; 500 lbs., \$7.50; \$13.00 per ½ ton; ton, \$24.00.



Cow or Cattle Manure (Shredded). One sack of this is equal to one cartload of cow manure, it is convenient to handle, making it possible for everyone to get this usually scarce article at all times. It takes up very little space and is indispensable for any fertilizing purpose. F. o. b. Philadelphia. 25 lbs., 50c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$6.50 per 500 lbs.; 1000 lbs., \$11.50; \$22.00 per ton. F. o. b. Chicago: 100 lbs., \$1.25; \$5.00 per 500 lbs.; 1000 lbs., \$8.50; \$16.00 per ton.

issolved Bone. Apply 600 to 800 lbs. per acre. Used principally for indoor culture, although it is highly recommended for a grass top dressing. 200-lb. sacks only, \$3.25; \$30.00 per ton. Dissolved Bone.

Fish Guano or Dried Fish. Apply 300 to 400 lbs. per acre. For truck and plant forcing this is recommended. Also used to mix with other fertilizers to increase the ammonia analysis. In 200-lb. sacks only. \$5.50; \$50.00 per ton.

Farmo-Germ. A nitrogen gathering bacteria to be used when planting or sowing seeds of leguminous plants such as clover, peas, beans, etc. It makes possible to grow Alfalfa where it often can otherwise not be grown, it increases the yield and makes it possible for plants to gather free nitrogen from the air equal in value to 150 lbs. nitrate per acre. Crops treated with Farmo-Germ leave the ground rich in nitrogen for the next succeeding one. Ask for special pamphlet on Farmo-Germ. Garden (¼-acre) bottles, 50c.; \$2.00 per acre bottle. Always specify in order for what crop Farmo-Germ is desired.

Guano (Peruvian Substitute). Of very high analysis in all necessary plant food elements and is now extensively used in place of Peruvian guano, which has become extremely scarce. 25 lbs., 75c.; \$1.35 per 50 lbs.; 100 lbs., \$2.40; \$3.75 per 200 lbs.; ton, \$35.00.

Horse Manure (See Manure.)

Hog Manure (Pulverised). Some growers prefer this to either sheep or cow manure. We can supply it to order, bringing it forward in numerous cars which we have coming from Chicago at intervals. Price f. o. b. Phila.: \$1.50 per 100 lbs.; 500 lbs., \$7.00; \$12.00 per ½ ton; ton, \$23.00. Price f. o. b. Chicago: \$1.35 per 100 lbs.; 500 lbs., \$5.00; \$8.50 per 1000 lbs.; ton, \$16.00.

Humus (Alphano). This material is a natural deposit of decomposed vegetable matter, taken from the bottom of a drained lake. We had it reported on by several experiment stations, who report it worthy of its extensive use. It is rich in ammonia, potash and phosphoric acid, and is ideal for mixing either with poor or even rich soil, and as a top dressing on lawns or golf courses. Flowers, vegetables, grass and other crops thrive luxuriantly where Alphano is used. For entire renovating poor ground it is spread about six inches deep. For a top dressing one inch of depth is sufficient. A cubic yard equals approximately 600 to 700 lbs. Put up in 100-lb. bags, 90c.; \$4.25 per 500 lbs.; 1000 lbs., \$7.50; \$14.00 per ton. Special price f. o. b. factory and in car lots.

FERTILIZERS-CONTINUED (ALL PRICES SUBJECT)

Horn Shavings. Used principally for mixing in potting soil, is rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 30c.; \$1.15 per 25 lbs.; 50 lbs., \$2.20; \$4.00 per 100 lbs.

Kainit (Potash Salts). Apply about 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 40c.; \$1.00 per 100 lbs.; 200 lbs., \$1.75; \$14.00 per ton.

Land Plaster. Apply about 1000 to 1500 lbs. per acre. For top dressing, sour and wornout soils, also for mixing with Paris Green. 25c. per 25 lbs.; 50 lbs., 35c.; 6oc. per 100 lbs.;

200 lbs., \$1.10; \$9.00 per ton.

MICHELLS ODORLESS LAWN DRESSING HENRY EMICHELL PHILADELPHIA

Lawn Dressing (Michell's Odorless). Apply 500 to 600 lbs. per acre. A quick stimulant for lawns and grass lands. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.00 per 200 lbs.; per ton, \$37.50.

Lawn Sand (Climax). A weed destroyer as well as a fertilizer, containing a large per-centage of nitrogen. Will be found very valuable for lawn use. For best results follow the directions on the packages. 3½-lb. tin, 30c.; 60c. for 7 lbs.; \$1.00 per 14-lb. tin; 28 lbs., \$1 60: 56 lbs., \$2.80; \$4.80 per 112-lb. keg; 560 lbs.,

\$20,00.

Limestone (Pulverized). For applying on sour and worn-out soils at the rate of 1 ton per acre. Put up in 100-lb. bags: no less quantity sold. 75c, per bag; 1000 lbs. \$5.50; \$9.00 per ton.

Lime (Hydrated or Powdered). For mixing with earth or other purposes where a soil sweetener is needed. 100-lb. sack, \$1.00; 500 lbs. for \$4.00; \$11.00 per ton.

Manure. At short notice we can usually supply first-class horse. cow and stock yard manure in carload lots only. Prices quoted on request.

Manure (Dried Pulverized Horse). Richer in analysis than sheep manure, excellent for flower growing; a sack is almost equal in bulk to a cartload. *Price f. o. b. Phila.*: 100 lbs., \$1.75; \$7.75 per 500 lbs.; 1000 lbs., \$15.00; \$27.00 per ton. *Price f. o. b. Factory:* 100 lbs., \$1.50; \$7.00 per 500 lbs.; 1000 lbs. \$13.00; \$25.00 per ton.

F. o. b. Phila, 200 lbs. Tor F.o. b. Factory MAPES FERTILIZERS 200 lbs. Ton Complete Manure, for general use \$4.50 \$42.00 Complete Manure, for average soils 4.50 \$42.00 \$4.20 \$39.00 4.20 39.00 Complete Manure, for light soils... 4.85 47.00 44.00 4.55 Corn Manure 4.50 Early Vegetable and Truck Manure. 4.85 43.00 4.25 40.00 47.00 4.55 44.00

 $\frac{1}{2}$ ton; ton, \$52.00.

Plant Food (Bowker's). 4-oz. pkgs., 13c. each; doz., \$1.35; \$10.50 per 100; 12-oz. pkgs., 20c.; \$2.25 per doz.; per 100, \$16.00. Plant Food (Michell's). 10c. per 6-oz. pkg.

(by mail, 18c.); \$1.00 per doz.; 100 \$8.00.

itrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy.

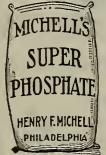
Use only after plants are above ground. If used in liquid form dilute two ors. to Least of water and do not apply oftener than Nitrate of Soda. dilute two ozs. to I gal. of water and do not apply oftener than twice a week. 5 lbs., 25c.; 50c. per 10 lbs.; 25 lbs., \$1.10; \$2.00 per 50 lbs.; 100 lbs. \$3.50; \$6.75 per 200 lbs.; ½ ton, \$32.50; \$64.00 per ton.

Phosphate (High Grade Ammoniated). For all vegetable crops, grain, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 85c. per 50 lbs.; 100 lbs., \$1.50; \$2.75 per 200 lbs., ton, \$23.00.

Pig Manure. (See Hog Manure.)
Phosphate for Corn (Phosphate and Potash). Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of either field or sugar corn. 200 lbs., \$3.00; \$12.00 per ½ ton; ton, \$23.00.

Phosphate (Michell's Hi-Grade Potato). Apply 400 to 600 lbs. per acre. The best fertilizer for potatoes, being especially rich in every ingredient on which potatoes thrive. 200 lbs., \$3.75;

\$16.50 per ½ ton; ton, \$32.00.



Phosphate (Basic Slag). Used extensively for top dressing lawns, grass and grain lands. Contains the proper elements to produce a rich luxuriant growth. Apply 600 to 800 lbs. per acre. \$2.25 per 200 lbs.; per ton, \$18.00

Potato Manure (Baugh's). Apply 400 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.25 per 200 lbs.; ton, \$28.00.

Poudrette (Native Guano). Apply 1000 lbs. per acre. Extensively used for gardens, lawns, in making compost and in fact wherever a good, quick acting fertilizer is wanted. It is odorless and easily handled. 5 lbs., 15c.; 25c. per 10 lbs.; 25 lbs., 50c.; 100 lbs., \$1.25; \$2.25 per 200 lbs.; 600 lbs., \$6.00; \$8.50

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. 25c. for 25 lbs.; 75c. per 100 lbs.; 200 lbs.,

\$1.35; \$9.00 per ton.



Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. Prices. f. o. b. Philadelphia, 20c. per 5 lbs.; 10 lbs., 30c.; 50c. per 25 lbs.; per 100 lbs., \$1.50; 500 lbs., \$7.00; \$13.50 per 1000 lbs; per ton, \$25.00.

Sheep Manure (Wizard Brand). F. o. b. Chicago: 100 lbs., \$1.25; \$6.00 per 500 lbs.; 1000 lbs., \$10.00; \$18.00 per ton.

Soot (Imported Scotch). This is used principally for bringing a good, healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that

other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 25c.; 40c. for 10 lbs.; 75c. per 25 lbs.; 112 lbs., \$2.75: \$12.50 for 560 lbs. Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis, equal to 25% of ammonia. 30c. per 5 lbs.; 10 lbs., 55c.; \$1.25 per 25 lbs.; 50 lbs., \$2.50; \$4.75 per 100 lbs.; 200 lbs., \$9.00: \$42.50 per ½ ton. Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis, equal to 50% of actual potash. 5 lbs., 35c.; \$1.00 per 25 lbs.;

equal to 50% of actual potash. 5 lbs., 35c.; \$1.00 per 25 lbs.; \$1.75 per 50 lbs.; 100 lbs., \$3.25; \$6.00 per 200 lbs.; ½ ton.

\$28.50; \$55.00 ton.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.00; \$3.50 per

200 lbs.; ton, \$30.00.

Thomson's Special Flower, Vegetable and Vine Manure. Imported from England, this excellent chemical fertilizer is extensively used wherever it is desired to force flowers or 28 lbs., \$1.60; \$3.10 per 56 lbs.: 112 lbs., \$6.00.

Wheat Fertilizer. For grass and grain

crops. Apply 5 to 600 lbs. per acre. 200 lbs., \$3.00; \$12.00 per ½ ton; per ton, \$23.00.

Tobacco Stems. For fumigating, mulching and fertilizing. Lb., 5c.: per bushel, 40c.; 75c. per barrel sack: large bales, \$1.50; ½ ton, \$5.50; ton, \$10.00. Wood Ashes. See ashes at top of opposite page.



CARNATION SUPPORTS Per doz. Per 100 Per 1000\$0.40 \$2.60 \$24.00 Model, 2 ring 26.50 3 ring Extra Parts for Model Supports Rings, 6oc. per 100, per 1000 \$4.00. Tops, \$1.35 per 100, per 1000, \$11.00. 2 Ring Bottoms, \$1.50 per 100, per 1000 \$13.75. 3 Ring Bottoms, \$1.80 per 100, per 1000, \$16.50. RICHMOND SUPPORTS Per doz. Per 100 Per 1000 No. 11. 29 in., 3 ring, single\$0.35 \$2.50 \$23.50 No. 11. 29 in., 3 ring, double45 3.25 30.00 MULLERS DOUBLE SUPPORT

One of the best on the market, easily put together. After the rings are detached it folds flat, thereby requiring very little storage room when putting away.

Per doz., 65c.; \$4.50 per 100; per 1000, \$40.00.

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3 foot\$0.68 \$4.40	5 foot\$1.15 \$7.40
3½ "	5 foot\$1.15 \$7.40 6 " 1.40 8.90
4 "	

4		HYACINTH STAKES (Wood) Dy	yed	Green	
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HEADQUARTERS FOR CANE STAKES	
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Southern, very long, selected quality\$0.75 \$3.25 \$6.00	\$27.50
Japanese, very thin, about 6 ft. long75 2.75 5.00	22.50
Japanese, dyed green, 3 feet lengths	
only	

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2	ft20	1.40	4 ft62 4.40	
21/2	ft28	2.00	5 ft85 6.00	
3	ft45	3.20	6 ft 1.07 7.60	

STAKE FASTENERS

Corts Everlasting. Heavy, \$1.60 for 500; 1000, \$3.00.

Corts Eureka. Light, 85c. for 500; 1000, \$1.50. **Rakes,** 80c. for 500, 1000 \$1.50.



FLORISTS' SPECIAL TWINE

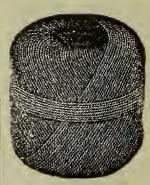
(See Cut)

For making bouquets, funeral work, stemming, etc. Color, Nile green; in 1-lb. spools. 45c. lb.; 5 lbs., \$2.10.

RAFFIATAPE

This article is made of a composition of paper and linen, and is tremendously strong. It is about ½ in. broad, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a

buttonhole, and it can be used as needed. Color, Nile green. Per bolt of 250 yards, 50c.; 6 reels, \$2.75; \$5.25 for 12 reels.

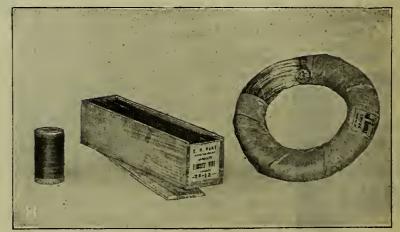


	TWINES, Etc.	Per ball	Per lb.
	No. 12. Light Italian Twine		\$0.30
Ų,	No. 18. Medium Italian Twine	e16	.30
1	No. 24. Heavy Italian Twine		.28
1	No. 36. Heavy Italian Twine	15	.28
	2-Ply, 3-Ply, 5-Ply Jute		.17
	Linen Bouquet, 3 lbs., \$1.10		.40
1	Boston Linen, 2 and 3-Ply	81.	.32
ı	Green Sea Island	08	.40
1	Jefferson, 3-Ply, White Cotton.	07	.30
	2-Ply Texas White Cotton	05	.25
	Tarred, for Mat Making	17	
	Tarred Sisal for Fodder		.II
	Binder (5-lb. ball)		
	Express, very heavy		
T	Con Stuinging Conilors and Asses		Trans

above; fast color. Per lb., 75c.; \$3.50 for 5 lbs.

HEADQUARTERS FOR RAFFEA

We import this direct from Madagascar representatives who make a careful selection of long, broad strands for our trade. Natural Color, 15c. lb., 10 lbs. \$1.25, \$11.00 per 100 lbs. Colored or Dyed. Submit sample of shade desired. 35c. 1b., 5 lbs. \$1.60, \$3.00 per 10 lb.



WIRE (Price subject to change)

ANNEALED	GALVANIZED				
Per 12-lb. stone					
No. 16\$0 60	No. 16\$0 75				
No. 18 65	No. 18 80				
No. 20 70	No. 19 85				
No. 22 80	No. 20 90				
No. 24 85					
No. 19, Tinned 85	No. 24 I 20				
No. 19, " cut 8½ in. long,	10-lb. box \$1.10				

CUT BOUQUET WIRE

For Stemming Flowers, Etc.

						с							
No. 20.	9,	12	or	18	in.,	IOC.	per	1b.,	per	box	12	1b.,	\$1.10.
No. 22.	9,	12	or	18	in.,	IIC.	per	1b.,	per	box	12	1b.,	\$1.20.
No. 24.													

PLANT TUBS, POTS, ETC.



P. S.—The prices on clay flower pots, bulb pans and saucers are subject to a discount of 5 per cent. for cash with order, or if paid within 30 days.

STANDARD FLOWER POTS

100	1000	Doz. 100 1000
13/4 inch\$0.31	\$2.80	7 inch\$0.68 \$4.20 \$40 00
2 " 35	3.20	8 "
21/4 "	3 60	9 "
21/2	4.40	10 "
3	5.60	
3½ "	6.80	Each Per doz. Per 100
Doz.		11 "
4 "\$0.15 \$0 97	08.88	12 "
41/4 "	10 00	14 "
4½ "22 1 32	12.00	16 " 1.10 11.00 84.00
4½ "22 1 32 5 1.76	16 00	18 "
5½ "	20.00	20 "
5½ "	24.00	20 2.20 25.00 105.00
6½ "	32 00	



ORCHID RECEPTACLES

(Earthenware)

Digital C Daoitoto					
Each Doz.	Each Doz.				
4 in \$0.12 \$1 20	4 in\$0.09 \$0.90				
6 in20 2 00	5 in12 1.30				
7 in25 2.50	6 in15 1 50				
	8 in20 2 00				
	10 in30 3 00				

FERN PANS

AZALEA POTS

W	idth	He	ight	Each	Doz.	100	1000
5	inch	41/2	inch	\$0 03	\$0.30	\$1.76	\$16 00
6	6.6	5 ~	16	.05	.46	2.64	24 00
-7	6.6		4.6	.08	.70	-4.20	40.00
8	6.6		6.6	.10	1.00	5.88	56 00
9	4.6	71/2	66	.12	1.25	8.40	80 00
10	66	8	66	.20	1.90	11.34	108.00

FERN DISH LINERS

Width	Height	Each	Doz.	100	1000
7 inch	17/8 inch	\$0.06	\$0.60	\$2.94	28.00



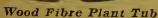
2.50 3.00

	(Earthenware)				rein x					13
4 in. $4\frac{3}{4}$ in. $5\frac{1}{2}$ in.	Height 17/8 in 21/8 in 21/4 in 21/2 in	\$0.03 04 05	\$0 27 .30 .37	\$1.32	In.	\$ 15	Doz.	In. 10x10	Each \$0.25	D \$
7 in.	2½ in 3½ in	1.8		2.94 4 20	KR	ICK P	OT			

9 in. 3½ in13 .86 5.14 HANGERS

PERFECTION SINGLE WIRE POT HANGERS







Pot Hangers

WOOD FIBRE PLANT **TUBS**

Complete with saucer

			,	Plain	Ena	imeled	Green
90	2 1			Each	Doz.	Each	Dez.
10	inca	arameter		\$0.59	\$6.63	\$0.86	\$9.69
14	61		1			1.04	11.73
18	6.		***************************************		15.30	4.00	20.40
				3.60	40.80	4.50	47.25

"NEPONSET" PAPER FLOWER POTS

They are the cheapest flower pots on the market. Made from the well-known Neponset Water-Proof Fabric, and for lightness, cleanliness and cheapness have no equal. Especially valuable for shipping plants by express.

These Prices are net, no discount

Size	100 10		eight per 000 pots	Size	100	1000	Weight per 1000 pots
	.45 - 3	2.78 2 3.82 3	0 pounds	4	. 1.20	\$6.60 10.96 14.68	38 poun ds 56 " 74 "

500 of any of the above in one size at 1000 rate

FLOWER POT SAUCERS (Earthenware)

		Doz. \$0.13	\$0.79	9 inch\$0.5	5 \$3.36	
				$\begin{array}{cccccccccccccccccccccccccccccccccccc$		
7	66			12 " 1.0		of the latest
8	6.6		2.52	14 " 1.6	5 10.50	2000
	_					



FLOWER POT SAUCERS

Made of Wood Fibre Ware

Unbreakable. Are not porous and will protect woodwork, tables, etc., on which plants are to stand.

		Each	n Doz.	100	Each Do	oz. 100
4	inch	1\$0.10	\$1.08	\$8.32	10 inch\$0.16 \$1	80 \$13.72
5						
6						76 21.40
7	66		3 1.40	10.89		68 37.20
8	6.6		3 1.48	11.71	18 "50 5.	64 44.41
q	+ 6	.18	1 68	12.92		

ROLLING STANDS

Made of Indurated Fibre Ware

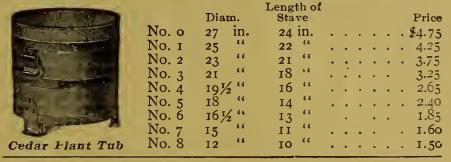
Water cannot soak through. Every heavy plant sold needs one to save carpets and floors. Can be moved about with ease.



Size		Each	Doz.	Size	Each	Doz.
12 inc	h		\$5.61	18 inch	\$0.81	\$9.18
14 "	***************					11.22
16 "	***************************************				1.24	14.02

WHITE CEDAR PLANT TUBS

With black iron hoops. Our cedar tubs are all made of extra quality wood by hand, and will be found far superior in every way to the regular machine made tub. Measurements are outside.



WHITE CEDAR PLANT TUBS

With Extra Heavy Galvanized Hoops

|--|

ORCHID RECEPTACLES



ound	Earther	2 Pans	Square Earthen				
	Each	Doz.		Baskets			
4 in	\$0.09	\$0.90		Each			
	12		4 in .	\$0.12	\$1.		
	15		6 " .	.20	2.		
0 ((- 0	7 66	25	2.		

3.00

oz.

20 00 50



THE MOST ECONOMICAL TUB FOR THE FLORIST

LANTS, large or small, appear always to better advantage when planted in tubs instead of pots. They are easier handled because they are much lighter in weight; they are more attractive, and bring a higher price. Tubs have welded hoops, except bottom hoop, which is flat, (and neat handles, when desired, at extra prices as mentioned below). Unlike pots, they do not break, nor do they require special packing when used in shipping. Made of white cedar, they are by far the *cheapest*, *neatest*, *lightest*, and *best* florist tub put on the market.

Please note the full assortment of sizes, all of them being painted inside and out and their tops finished round bevel.

SPECIAL PAIL TUBS No. 2

PRICES

The best low-priced palm tub on the market, painted green with electrically welded hoops. Diameter inside 1034 inches at top, diameter inside 834 inches at bottom, depth 8 inches. See. each, dozen \$3.00, \$22.50 per 100.

Size No	Inside Ton Diam	Bottom Diam	Denth of Stave	Price Each Dozen Per I	100
ı.	6	5	. 6 3/8	\$0.25 \$2.50 \$20.	00
2	7	5	. 7 3/8	28 3.00 24.	00
3	8	6	. 8 3/8	30 3.25 25.	00
4 · ·	9	7	. 9 3/8		00
5 · ·	IO	$7\frac{1}{2}$	$\cdot 9 \cdot \cdot \cdot \frac{7}{16} \cdot \cdot$	40 3.75 30.	00
6	II	$8\frac{1}{2}$. IO ½	· · · 45 · · · · 4.75 · · · · 37-	50
7 .	12	9	. II ½	50 5.75 47.	50
8	13	10	. 12 ½	6557.	50
_			. 13 1/8		
				80 8.75 71.	
				· · · · · · · · · · · · · · · · · · ·	
				$1.0011.2592.$	
				1.30 14 co 115.	
14	19	15½	18 5/8	1.45 17 00 135.	00

None of these Tubs are equipped with handles at the above prices.

If stamped steel side handles are wanted, add 7 cents to the price of each Tub in single or dozen lots; 6 cents each in 100 lots. These handles are not sold attached to the tub.

Michell's "Anylength" Greenhouse Hose

AT A SPECIAL PRICE

Every florist knows how difficult it is to get hose that will stand all the rackets of the greenhouse It's just six years since we began selling this one ("Michell's Anylength"), and we can't help recommending it

in the highest terms. It's mighty tough, very flexible, and best of all it's a wearer with a record behind it; can be had any length up to 500 feet; made by the inventors of continuous length hose. (Write for a free sample.)

SPECIAL LOW PRICES FOR 1914

14½c. PER FOOT

"YOU CAN'T KINK IT"